Koken TOOLS

ENGLISH GERMAN FRENCH

Koken TOOL CO., LTD.

2014

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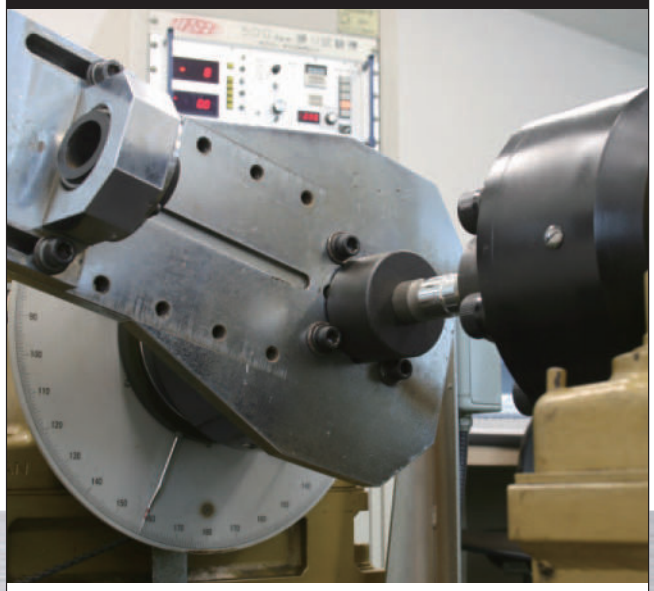
■ TEST AND LABORATORY

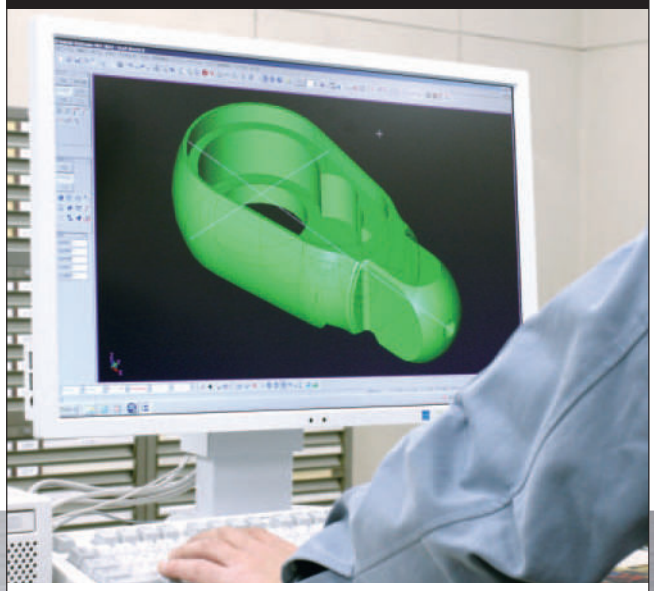


Ko-ken uses a variety of test equipment.
Strength is measured by the Static Load Test Machine that can measure torque load up to 5,000Nm. Durability is measured by the Cyclic Test Machine and corrosion resistance testing is done by the Salt Spray Test Machine. The test results are used to improve our standard products and assist with new product design and development.

Wir verfügen über die verschiedensten Testgeräte:
-Die Festigkeitseigenschaften der Werkzeuge werden mit einer statischen Drehmoment-Testmaschine, die Prüfdrehmomente bis 5.000Nm erzeugen kann, überprüft.
-Die Dauerbelastbarkeit wird mit einer Testmachine durchgeführt mit der die Werkzeuge zyklisch in langen Testreihen belastet werden.
- Der Korrosionsschutz wird regelmäßig mittels Salzsprühnebelprüfung kontrolliert.
Die gewonnenen Testergebnisse ermöglichen eine stetige Verbesserung der Standardwerkzeuge und helfen bei der Entwicklung neuer Produkte.

Ko-ken utilise plusieurs types de tests.
La résistance est mesurée par une installation de test à charge statique d'une capacité de 5.000 Nm. La durée de vie est déterminée par une machine à cycles et la résistance à la corrosion par une installation à projection de sel.
Les résultats de ces tests sont destinés à améliorer nos produits standards et à assister le développement de nouveaux produits.

■ DESIGN AND DEVELOPMENT



The 3D-CAD is used to improve standard products, designing new products and making customized items for special requirements. Trial products are regularly developed, manufactured and tested to improve the durability, appearance and functionality of all tools produced by Ko-ken.

3D-CAD Programme helfen uns sowohl, bei der Weiterentwicklung unserer Standardwerkzeuge, als auch beim Designen neuer Produkte und beim Entwerfen von Sonderanfertigungen.
Um die Zuverlässigkeit und Funktionalität unserer Werkzeuge zur verbessern, werden ständig Versuchswerkzeuge gefertigt.

La technique CAD-3D est utilisée pour l'amélioration des produits standards, le design des nouveaux produits et la réalisation d'outils spéciaux.
Des séries d'essai sont régulièrement développées, fabriquées et testées pour améliorer l'apparence et la fonctionnalité de tous les produits Ko-ken.

■ FORGING

The Forming machines are used for the forging process. These machines can produce mass quantities of sockets and parts with high accuracy that ordinary drop forging machines can not achieve. However, for small production runs, ordinary forging machines are also used.

Zum Schmieden verwenden wir eigene Umformmaschinen.

Diese Maschinen werden zur Produktion großer Stückzahlen von Steckschlüsseln und Betätigungswerkzeugen verwendet mit einer Genauigkeit, die mit normalen Gesenkschmiede Maschinen nicht gewährleistet werden kann.

Bei kleineren Fertigungsserien werden zur Fertigung auch kleinere Gesenkschmiedemaschinen verwendet.

Des machines de formage à froid sont utilisées. Ces machines peuvent produire en masse les douilles et accessoires avec une précision supérieure à la forge conventionnelle. Toutefois, pour des petites séries, des machines à forger traditionnelles sont également utilisées.

■ TURNING

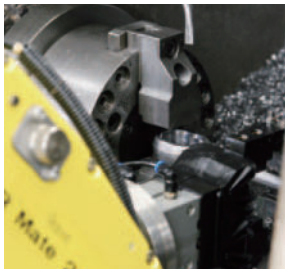
The forged steel is turned into required shapes and dimensions. The MC (Machining Center) operates with extraordinary speed and precision. The article number, size, logo, production number, and MADE IN JAPAN are marked on the products after the turning process has been completed.

Der geschmiedete Stahl wird nun auf die endgültige Form abgedreht.

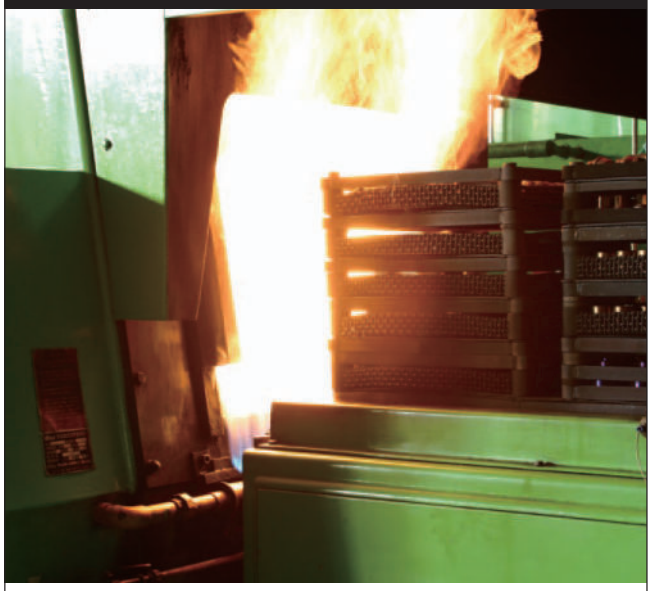
Unser Maschinenzentrum arbeitet hier mit außergewöhnlicher Geschwindigkeit und Präzision.

Nach dem Drehvorgang wird das Werkzeug mit Artikelnummer, Abmessung, Logo, Produktionsnummer und MADE IN JAPAN markiert.

Après la forge, les pièces sont usinées à la bonne dimension par tournage. Les centres d'usinage travaillent avec une précision et une vitesse extraordinaire.
Le numéro d'article, la dimension, le logo Ko-ken, un numéro de production ainsi que la mention « Made in Japan » sont gravés sur le produit après tournage.



■ HEAT TREATMENT

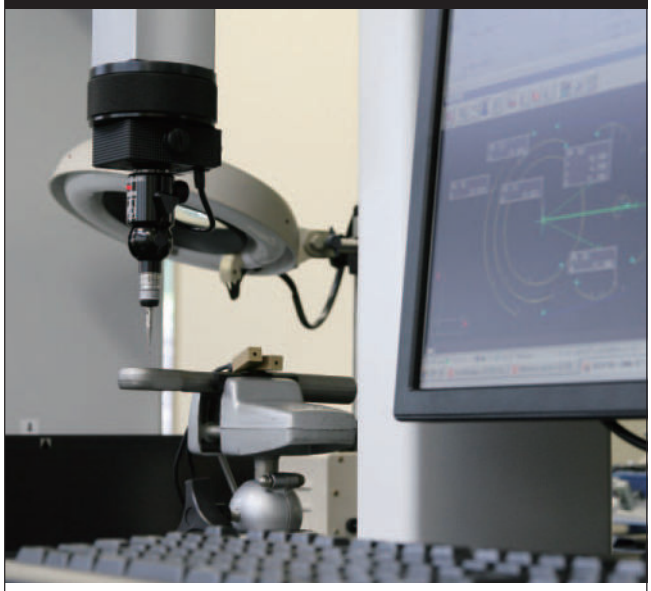


To make the tools stronger and more durable, proper heat treatment is critically important. The temperature and the time of the heat treatment are strictly regulated by a very accurate control device.

Um die optimale Stabilität und Festigkeit der Werkzeuge zu erreichen ist der Härtungsprozess der Werkzeuge von höchster Wichtigkeit.
Die hohe Genauigkeit von Temperatur- und Dauer der Wärmebehandlung werden durch sehr genaue Regeleinrichtungen in den Härteöfen erreicht.

Pour la résistance et la durée de l'outil, un traitement thermique adapté est indispensable. Les températures et durées de traitement sont très précisément contrôlées.

■ INSPECTION

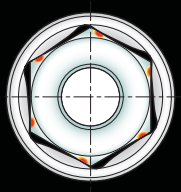


Our products are periodically checked at each production process by inspection devices. Highly accurate 3-D measuring instruments are used to inspect and confirm dimensions.

Unsere Produkte werden periodisch nach jedem Produktionsprozess überprüft.
Hierzu verwenden wir sehr genaue 3D Messgeräte.

Nos produits sont contrôlés périodiquement à chaque étape de leur fabrication.
Des instruments de mesure en 3D, très précis sont employés pour la vérification des dimensions.

FLAT DRIVE®



Flat Drive is designed to guarantee a flat surface contact between the socket and the bolt/nut.
The Flat contact reduces wear and allows to transmit a higher torque value.
The Flat Drive System is also used for the square drive end as well as the hexagonal or bi-hexagonal openings of the socket.

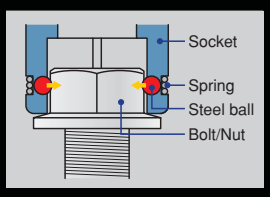
Das Flat Drive Design sorgt für die optimale Kraftübertragung zwischen den Flächen des Steckschlüssels und der Schraube. Dies erlaubt eine Übertragung von höheren Drehmomenten. Das Flat Drive System findet ebenfalls bei allen Antriebsvierkanten sowie bei 6-kant und 12-kant Profilen Verwendung.

Le profil Flat Drive garantit un contact optimal entre la douille et l'écrou. Ce contact « à plat » réduit l'usure et permet la transmission d'un couple plus élevé. Ce système Flat Drive est utilisé pour tous les carrés conducteurs ainsi que pour toutes nos douilles 6-pans et 12-pans.

SOCKETS
STECKSCHLÜSSEL
DOUILLES

NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.



Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l'ouverture du 6-pans de la douille retiennent l'écrou de manière sûre et efficace.

SURFACE DRIVE

Surface drive sockets are designed to retain contact with the flat sides of the nut in order to transmit higher torque and reduce nut wear.
These sockets are ideal for using on polished nuts, aluminum nuts and nuts with worn out points.

Das Profil unserer Surface-Drive Steckschlüssel greift die Schraube an deren Flächen.
Dies sichert eine höhere Kraftübertragung und verhindert ein Durchrutschen des Steckschlüssels. Diese Steckschlüssel eignen sich besonders für polierte Schrauben, Aluminium Schrauben und Schrauben bei denen die Ecken bereits abgerundet sind.

Notre profil Surface Drive assure le contact entre la douille et les plats de l'écrou. Ceci réduit l'usure et permet la transmission d'un couple plus élevé. C'est une solution idéale pour les écrous polies, celles en aluminium ou arrondies.

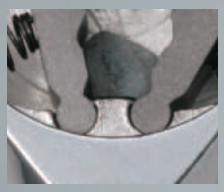
PATHFINDER®

The beveled flats of the 6-point opening of the PATHFINDER socket engage the nut almost immediately. PATHFINDER sockets are ideal for using with power tools in automatic assembly processes, as the power tool does not have to be totally stopped for the socket to engage the nut.

Da die Maschine nicht nach jedem Schraubvorgang angehalten werden muss, ergibt sich eine erhöhte Produktivität, die sich bei vollautomatischen Maschinen (Mehrspindelschrauber) ganz besonders auswirkt.

Les parois en biais du 6-pans des douilles PATHFINDER assurent l'engagement quasi immédiat de l'écrou. Le fait de ne pas devoir arrêter la machine après chaque serrage procure un gain de productivité particularité appréciable dans les chaînes de montage automatiques.

RATCHET HANDLE
KNARRENGRIFFE
MANCHE À CLIQUET



S.O.D.H-System®

Two dogs are located in the ratchet body so that the dogs and springs are held securely in place, allowing the reversing lever and dog to switch smoothly.
The torque load on the gear is transmitted vertically to the dog, and in turn, down the ratchet handle. This mechanism locks gears tightly in place while torque is being applied, thus avoiding any gear slippage.

Die zwei Sperrklinken sind fest im Knarrenkörper verankert, die Federn sind dadurch fest fixiert.
Die Umschaltung der Knarre erfolgt leicht und sicher.
Die Kraft des Knarrenzahnrads wird vertikal auf die Sperrklinken übertragen, dadurch wird das Überspringen des Knarrenmechanismus sicher vermieden.

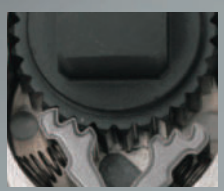
Les 2 rochets sont insérés dans le corps du cliquet. De ce fait les ressorts sont également fermement fixés. L'inversion se produit sans à-coups. Ce mécanisme assure aussi une transmission du couple sans risque de ripage.

Two-Step Dog

Two flats hold two teeth of the ratchet gear, thus increasing the maximum torque load of the ratchet compared with a single-step system.

Die Kraft wird über zwei Zähne des Knarrenzahnrades übertragen. Dies erlaubt eine höhere Kraftübertragung gegenüber Knarren mit einem Zahn Mechanismus.

La force est transmise par les deux dents du mécanisme. Ceci permet un couple plus élevé par rapport aux systèmes à une seule dent .



Three-Step Dog

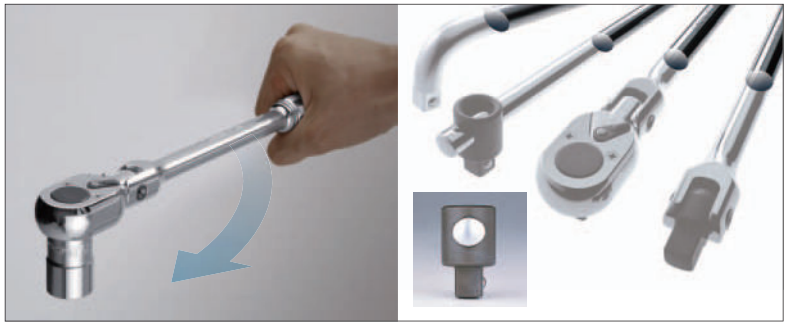
Two dogs are set in the same axis, and the three teeth hold the ratchet gear.
The enlarged contact area produces an about 10% higher torque value and the S.O.D.H-System provides smooth and light movements.

Die scharnierartig eingelagerten Sperrklinken haben jetzt jeweils drei Zähne im Eingriff. Die dadurch vergrößerte Greiffläche erhöht das maximale Drehmoment um ca. 10%. Auch diese Knarre besticht durch ihren leichten und geschmeidigen Lauf.

Les deux rochets étant placés sur le même axe, les trois dents de l'engrenage sont engagées en permanence. Ce système assure une augmentation de 10% du couple maximum admissible. Ce cliquet se caractérise également par son fonctionnement souple et sans à-coup.

SHAPE OF HANDLE
FORMGEBUNG DER GRIFFE
MODELE DE POIGNEE

OVAL SHAPE SHANK

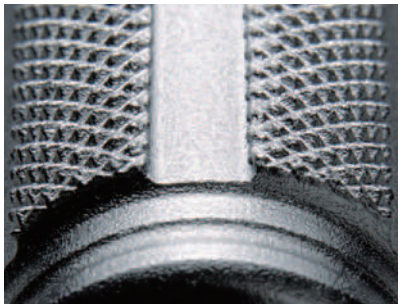


Unique designed oval shape shank provides extra strength and durability.

Der einzigartige ovale Schaftquerschnitt in Belastungsrichtung erhöht die Stabilität und Widerstandsfähigkeit.

La section ovale, orientée dans le sens de l'effort, confère à cet outil une résistance et une durée de vie incomparable.

KNURLING



Rotation and general handling of extensions with oily hands is greatly improved with the Koken developed 6 point knurling. Also the Koken 6 point knurling stops the extensions from rolling around the work area.

Durch die von Koken entwickelte 6 fache Rändelung wird die Handhabung deutlich erleichtert. Außerdem wird das Herumrollen der Verlängerungen wirksam verhindert.

La manipulation des rallonges est grandement facilitée par le profil moleté développé par Koken. Ce même profile empêche le roulement intempestif des rallonges sur le plan de travail.

WOBBLE-FIX

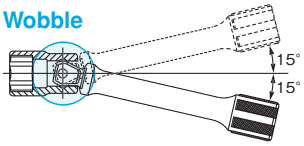
TWO WAY USAGE
a) In a fixed position, as a normal extension bar
b) In a half-fixed position, as a flexible extension bar providing a 15° angle operation.

Winkelverlängerungen lassen sich in zwei Einstellungen verwenden
a) voll eingesteckt und starr
b) halb eingesteckt, mit elnem Arbeitswinkel von 15°.

Deux utilisations possibles
a) comme rallonge normale, dans une position fixe
b) comme une rallonge angulaire avec une possibilité d'inclinaison jusqu'à 15°

Fix

Wobble



STUD BOLT PULLER / SETTER
STEHBOLZENAUSDREHER UND STEHBOLZENSETZER
EXTRACTEURS DE GOUJONS

STUD BOLT PULLER
STEHBOLZENAUSDREHER
DEGOUJONNEUSES

Hexagon body design can lessen the excessive load on cages and rollers inside the pullers.

Der neue Körper mit sechs Walzenmulden verteilt den Druck auf den Käfig und die Walzen weitaus vorteilhafter.

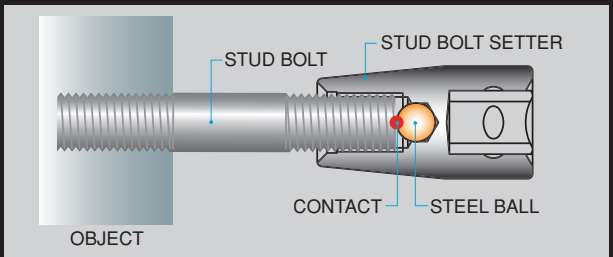
La forme hexagonale du corps améliore les tolérances.
Elle répartit l'effort de façon plus uniforme sur la cage et les rouleaux.

STUD BOLT SETTER
STEHBOLZENSETZER
MONTE-GOUJONS

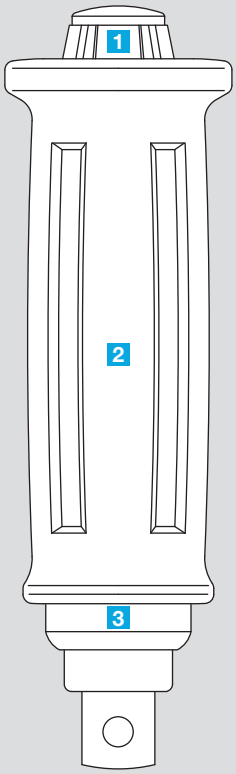
A special socket for installing a stud bolt.
Inside steel ball prevent the stud bolt stuck onto the socket. After installing a stud bolt, turn to anti-clockwise to removing the socket.

Spezialwerkzeug zum Setzen von Stehbolzen. Der Bolzen trifft im Werkzeug nur auf den Stahlbolzen, was die Kontaktfläche verringert. Nach dem Setzen des Stehbolzens kann das Werkzeug im Linkslauf vom Stehbolzen abgezogen werden.

Douilles spéciales pour monter les goujons.
Le goujon est en contact avec une bille d'acier pour l'empêcher d'adhérer à la douille.
Après avoir posé le goujon, tourner dans le sens antihorlogique pour le retirer



ATTACK DRIVER®



1 Black Finish - Schwarze Schlagplatte - Tête de frappe noire

Black finished head prevents peeling off the chrome plate by striking the head.
Der Schlagkopf wurde geschwärzt, um das Abblättern von Chrompartikeln zu verhindern.
La finition noire de la tête évite l' écaillage du chrome lors de la frappe.

2 Original Body Shape - Einzigartige Formgebung - Forme unique du corps

Original design of the body achieved higher grip. And, total length became 20mm longer than previous model to improve the handling.
Die Gestaltung des Handschlagschrauberkörpers erhöht Führung und Griffigkeit des Werkzeuges.
Le dessin original du corps permet une meilleure prise en main de l' outil.

1 3 Heat Treatment - Wärmbehandlung - Traitement thermique

Special heat treatment is applied on the body. Hardness of striking part is slightly softer to prevent cracks.
On the other hand, Cam part converts the striking power to twisted by striking with hammer, therefore, this part is finished with higher hardness to improve anti-wear.

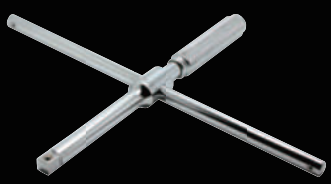
Besondere Aufmerksamkeit wurde der Warmbehandlung des Körpers gewidmet, indem die Härte des Schlagendes leicht verringert wurde, um ein Reissen durch Hammerschläge zu vermeiden. Dagegen wurde die Härte und somit die Belastbarkeit in dem Teil des Körpers erhöht, wo der Schlag in Drehkraft umgesetzt wird.

Un traitement thermique spécifique est appliqué sur le corps de l' outil. La dureté des parties de frappe est légèrement inférieure pour diminuer le risque de casse. D' un autre côté, le mécanisme qui transforme la force de frappe en rotation est plus dure pour augmenter la résistance à l' usure.

3 Spring - Feder - Ressort

Stronger spring is adapted to convert the striking power efficiently to twisting power.
Eine extrem widerstandsfähige Feder sorgt für die unmittelbare Übertragung der Schlagkraft und ihre Umsetzung in wirksame Drehkraft.
Un ressort très résistant est monté sur l' outil pour convertir la force de frappe en force de torsion très efficace.

FREE-TURN GRIP



SPINNING CROSS WRENCH
DREHBARER KREUZSCHLÜSSEL
CLE EN CROIX RAPIDE

The shaft of cross wrench turns freely within the knurled grip. The cross bar is removable for easy storage in a compact space.

Der Schaft des Kreuzschlüssels dreht sich frei in dem kordierten Griff. Die Querstange kann entnommen werden, das erlaubt eine platzsparende Aufbewahrung (z.B. im Fahrzeug)

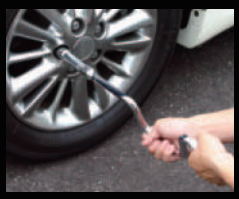
La tige de la clé tourne librement dans sa poignée gaufrée.
La barre transversale est démontable pour le rangement aisé de l'outil.

FLEXIBLE SPEEDER
GELENKGRIFF-WINDE
VILEBREQUIN RAPIDE

Free-turn grip allows speedy removal or replacement of wheel nuts. It can also be used as a hinge handle to tighten or loosen the nuts.

Der frei laufende Griff ermöglicht eine schnelle Radmontage. Das Werkzeug kann zusätzlich als Gelenkgriff verwendet werden.

La poignée à rotation libre permet l'enlèvement et la pose rapide des écrous de roue.
Elle peut également être utilisée comme poignée articulée.



SPINNING SLIDE T-HANDLE
FREILAUF T-GRIFF
POIGNEE EN T RAPIDE

The knurled grip is attached in the middle of shaft for free turning. Oval shaped cross bar prevents the bar from turning inside the shaft during use.

Der kordierte Freilauf-Griff befindet sich in der Mitte des Schaftes. Der Quergriff mit ovalem Querschnitt verhindert das Verrutschen.

La poignée gaufrée est fixée au milieu de la tige et est à rotation libre.
La barre transversale est de forme ovale pour l'empêcher de tourner pendant l'utilisation.

IMPACT WHEEL NUT SOCKET
IMPACT RADMUTTERN STECKSCHLÜSSEL
DOUILLES POUR ÉCROUS DE ROUE, IMPACT

PLASTIC PROTECTOR
KUNSTSTOFF HÜLSE
PROTECTION EN PLASTIQUE

A detachable plastic protector is fitted to the socket to prevent damage to the wheel when working in tight areas.
The socket size and Ko-ken Mark printed on the shaft makes it easier to see if the socket is still rotating or stopped.

Zum Schutz empfindlicher Leichtmetallfelgen ist eine drehbare und abnehmbare Kunststoff Hülse an dem Steckschlüssel montiert. Die aufgedruckten Markierungen am Werkzeugschaft zeigen außerdem ob das Werkzeug steht oder rotiert.

La douille est pourvue d'un insert en plastique détachable. Il sert à prévenir tout dommage aux jantes lors de l'utilisation des douilles.
Le marquage sur la tige rend l'identification des douilles très facile.

EXTRA THIN-WALLED
EXTRA DÜNNWANDIG
PAROIS EXTRA MINCES

Thin-walled shape and 110mm length gives extra reach for nuts recessed deep inside the wheel.
They are ideal for aluminum wheel nuts where access to nut is very tight. Color coded shafts make size identification easy.

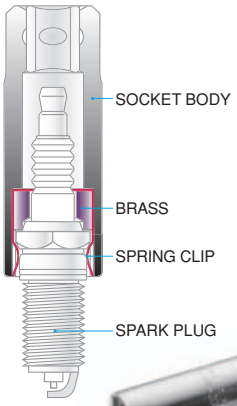
SPARK PLUG SOCKET
ZÜNDKERZEN STECKSCHLÜSSEL
DOUILLES AVEC RESSORTS RETENUE POUR BOUGIES

CLIP TYPE

This revolutionary new spark plug socket is designed to securely grip a spark plug at its hexagonal part by two stainless spring clips.
An internal brass guide holds the clips in place, which ensures perfect alignment of the spark plug into the threaded plughole of the cylinder head, thus preventing thread damage.
The brass guide also eliminates stress loading and possible damage to the ceramic insulator of the spark plug.

Zwei solide Federn aus rostfreiem Stahl fassen den Sechskant der Zündkerze und drücken ihn an den Anschlag der Messing-Führungsbuchse. Jetzt sitzt die Kerze genau senkrecht zur Achse des Steckschlüssels. Das Einschrauben kann ohne Beschädigung der Gewindegänge im Motorblock und ohne Druck auf den Isolator der Kerze erfolgen.

Deux puissants ressorts en acier inoxydables maintiennent la bougie sur sa partie hexagonale tout en l'appliquant contre la douille de guidage en laiton. L'alignement parfait de la bougie dans l'axe de l'outil permet à l'opérateur de poser celle-ci avec beaucoup de précision en réduisant au maximum les risques d'endommagement au filetage du bloc ainsi qu'à la partie en céramique de la bougie.



License / Lizenzen / Licence

TORX® / TORX plus® & LHSTIX®

TORX® / TORX plus® and LHSTIX® are recognized as three of the most efficient fastening systems because of their ability to transfer greater torque, reduce end load and virtually eliminate tool slippage.

Durch die Fähigkeit größere Drehmomente zu übertragen sind TORX® / TORX plus® und LHSTIX® bekannt als die drei effizientesten Befestigungssysteme.

TORX® / TORX plus® et LHSTIX® sont reconnus comme étant trois systèmes de vissage particulièrement efficaces. Ils permettent en effet de transmettre des couples particulièrement élevés.

TORX® & TORX plus®

TORX®

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TORX® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

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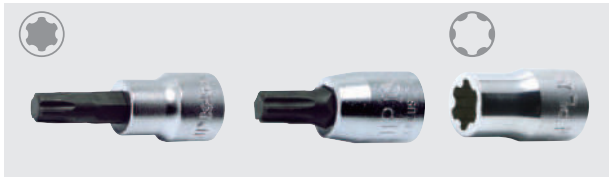
TORX PLUS®



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LHSTIX®

LHSTIX®

Line Head Straight
LH-S series

LHSTIX® is a registered trademark of **OSG CORPORATION** System Engineering Department.
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Registered Trademarks / Eingetragene Warenzeichen / Marque déposée

Koken®

工研®

Koken TOOLS®

Ko-ken® CO-KEN®

Koken TOOL CO., LTD.®

HIGH PERFORMANCE TOOLS OF CONVINCING QUALITY

山下工業研究所®
山下工研®
S.O.D.H-System®
Flatdrive®
ATTACK DRIVER®
HANDY-ENDY®
PATHFINDER®
Nut Grip®
LOCK NUT BUSTER®
NUT TWISTER®
BOLT TWISTER®

Ko-ken Factory / Das Ko-ken Werk / L'usine Ko-ken

Warranty / Garantie / Garantie

WARRANTY

The trade mark Koken is your unqualified warranty against any defect in material or workmanship. Each Koken tool is built to more than meet the requirements of its intended use and is carefully checked before leaving the factory. Any Koken tool which fails because of defective material or workmanship will be repaired or replaced through your Koken dealer, to the exclusion of any further liability.

GARANTIE

Koken TOOL CO.,LTD. Shizuoka, Japan, garantiert Ihnen die einwandfreie Qualität und Ausführung ihrer Produkte. Jedes Werkzeug der Marke Koken ist für Höchstleistungen konstruiert und wird vor Verlassen der Fabrik sorgfältig geprüft. Koken TOOL CO.,LTD. repariert oder ersetzt über ihre Händler unter Ausschluss jeglicher weitergehenden Haftung jedes fehlerhafte Koken Produkt kostenlos.

GARANTIE

La fabrique Koken TOOL CO.,LTD. Shizuoka, Japon, garantit la qualité irréprochable et le traitement absolument impeccable des outils portant la marque Koken. Chaque outil Koken quittant la fabrique est contrôlé soigneusement. La fabrique s'engage à réparer ou remplacer gratuitement tout défaut de matière ou de fabrication par l'intermédiaire de ses distributeurs, à l'exception d'une responsabilité étendue.

ISO9001

ISO 9001
Management System Certificate

Certificate Number : JQA-1028

Organization :
KO-KEN TOOL CO.,LTD.
656 NAKANO, KAKEGAWA-CITY, SHIZUOKA, JAPAN

JQA certifies that the above organization operates the Quality Management System, within the scope of the Appendix attached, which has been assessed and found to comply with the requirements of:

ISO 9001 :2008 / JIS Q 9001 :2008

Registration Date : November 9, 1995
Last Renewal Date : January 9, 2013
Expiry Date : January 8, 2019

OSAMU MORIMOTO
PRESIDENT

JAPAN QUALITY ASSURANCE ORGANIZATION
TOKYO, JAPAN

JQA

ISO 9001
Appendix

Certificate Number : JQA-1028

Organization :
KO-KEN TOOL CO.,LTD.

JAPAN QUALITY ASSURANCE ORGANIZATION

JQA

SAFETY ADVISER

SICHERHEITS-RATGEBER

MESURES DE SÉCURITÉ

General / Allegemeines / Généralités

(a) Make sure you use the right type socket, whose opening fit the nut.

Verwenden Sie immer den richtigen Steckschlüssel und überzeugen Sie sich davon, ob er auch auf die Mutter passt.

Utilisez toujours la bonne clé et assurez-vous qu'elle est rigoureusement adaptée à l'écrou.

(b) For use on electric or air IMPACT Wrenches select IMPACT Sockets only.

Auf elektrischen oder pneumatischen Schlagschraubern dürfen nur hoch belastbare IMPACT-Steckschlüssel und Zubehörteile gesteckt werden.

Sur des vis à fixer par machines à chocs pneumatiques ou électriques n'utilisez que des clés à douille IMPACT et des accessoires IMPACT capables de résister à une haute sollicitation.

(c) When using nut runners or IMPACT Wrenches wear safety goggles.

Tragen Sie bei der Anwendung von Schraubern stets eine Schutzbrille.

En opérant avec des visseuses et des machines à chocs, portez toujours des lunettes de protection.

(d) Plastic or rubber handles are not intended to act as insulation.

Plastik-oder Gummigriffe stellen keinen Isolierschutz dar.

Les poignées en plastique ou en caoutchouc ne garantissent aucune isolation électrique.

(e) Never substitute a HAND Socket for a INDUSTRIAL Socket or an IMPACT Socket, or a INDUSTRIAL Socket for an IMPACT Socket.

Nehmen Sie deshalb niemals anstelle eines INDUSTRIAL-oder IMPACT-Werkzeuges ein HAND-Werkzeug oder anstatt eines IMPACT-Werkzeuges ein INDUSTRIAL-Werkzeug.

Ne vous servez donc jamais d'un outil à main au lieu d'un outil INDUSTRIAL ou IMPACT ou d'un outil INDUSTRIAL au lieu d'un outil IMPACT.

(f) Items in this catalogue marked ⚠ can be loaded to torque values which may cause breakage. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch, und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Céci pour éviter ruptures et accidents.

(g) Make sure to lock the impact sockets on driving tools with Pin / O-Ring or C-Ring.

Verwenden Sie Impact Steckschlüssel nie ohne Sicherungsring und Stift oder alternativ mittels unserer C-Ringe.

Ne jamais utiliser de douille à choc sans sécurité. (Anneau et goupille ou crochet en C)

Sockets / Steckschlüssel / Douilles

Sockets showing cracked walls, battered points or other marks of wear are to be replaced.

Steckschlüssel mit Haarrissen, abgestossenen Kanten oder mit anderen Verbrauchserscheinungen sind umgehend zu ersetzen.

Les clés qui présentent des fissures capillaires, ou autres signes d'usure doivent être immédiatement changées.

Ratchets/Handles / Knarren/Griffe / Cliquets/Poignées

A ratchet is not a hammer.

Eine Knarre ist kein Hammer.

Un cliquet n'est pas un marteau.

Never use loose pipes or other improvised attachments on handles for increased leverage.

Setzen Sie niemals lose Rohre oder andere Hilfsstücke auf Steckschlüsselgriffe, um dadurch eine höhere Drehkraft zu erzeugen.

Ne mettez jamais de tubes ou autres pièces auxiliaires sur les poignées des clés à douille dans le but d'obtenir un couple de serrage plus éleve.

Extension Bars / Verlängerungen / Rallonges

The combination of several short extensions instead of one correct sized one is to be avoided.

Das Zusammenstecken von mehreren kurzen Verlängerungen als Ersatz für eine in der richtigen Länge ist unbedingt zu vermeiden.

Il faut absolument éviter d'utiliser plusieurs rallonges courtes au lieu d'une seule ayant la bonne longueur.

Adaptors / Verbindungsstücke / Réducteurs

Adaptors are to be used reasonably. Be reminded that high torque potentials are reached when using a "down" adaptor, a bigger sized handle to a smaller drive socket. Always stay within safe limits.

Reduzierstücke sind mit Vernunft einzusetzen. Beachten Sie, dass bei der Verwendung von Reduzierstücken hohe Drehmomentwerte ausgelöst werden nämlich dadurch, dass grössere Griffe auf kleinere Steckschlüssel gesetzt werden. Bleiben Sie jeweils innerhalb der Sicherheitsgrenzen.

Les réducteurs doivent être utilisés avec modération. Il est à considérer qu'avec les réducteurs on obtient un couple de serrage élevé du fait que des poignées plus grandes sont appliquées sur des clés à douille plus petites. Ne dépassez pas les limites de sécurité.

Koken

1/4”

3/8”

1/2”

3/4”

1”

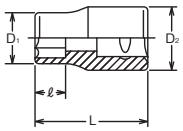
HAND

SOCKETS
STECKSCHLÜSSEL
DOUILLES

1/4”

2400M / 2400A

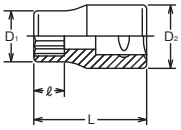
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



2400M 2405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3	5.5	11.2	2.6	22	7	10
4	6.7	11.2	3.5	22	8	10
4.5	7.3	11.2	4	22	8	10
5	8	11.2	5	22	8	10
5.5	8.5	11.2	5.5	22	9	10
6	9.2	11.2	5.5	22	9	10
7	10.3	11.2	6	22	9	10
8	11.2	11.7	6.9	22	11	10
9	13	12	7.3	22	12	10
10	14.3	12.9	7.7	22	15	10
11	15.5	14.3	9.3	22	18	10
12	16.8	15.5	9.3	22	23	10
13	18	16.4	9.8	22	23	10
14	19.3	17.9	11	24	30	10

2405M / 2405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



2400A 2405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/8	5.7	11.2	2.7	22	7	10
5/32	6.7	11.2	3.5	22	8	10
3/16	7.8	11.2	5	22	8	10
7/32	8.5	11.2	5.5	22	9	10
1/4	9.6	11.2	5.8	22	9	10
9/32	10.3	11.2	6	22	9	10
5/16	11.2	11.7	6.9	22	11	10
11/32	12.5	11.7	7.3	22	12	10
3/8	13.7	12.5	7.7	22	15	10
7/16	15.5	14.3	9.3	22	18	10
1/2	18	16.4	9.8	22	23	10
9/16	19.3	17.9	11	24	30	10

RS2400M/11
RS2405M/11

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2400M/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		222

RS2405M/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		222

RS2400A/9
RS2405A/9

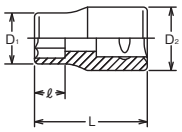
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2400A/9	9 Pieces Set/Rail 150mm	(g)
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		162

RS2405A/9	9 Pieces Set/Rail 150mm	(g)
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		162

2400W-BA

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



2400W (BA)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	6.1	11.2	3	22	7	10
7	7.3	11.2	4	22	8	10
6	8	11.2	5	22	8	10
5	8.5	11.2	5.5	22	9	10
4	9.6	11.2	5.8	22	9	10
3	10.3	11.2	6	22	9	10
2	11.2	11.7	6.9	22	11	10
1	13	12	7.3	22	12	10
0	14.9	13.6	8	22	16	10

RS2400W/9-BA

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2400W/9-BA	9 Pieces Set/Rail 150mm	(g)
0, 1, 2, 3, 4, 5, 6, 7, 8		120

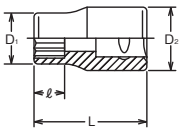
AS2405A

12-point Sockets, AS954
12-kant Steckschlüssel, AS954
Douilles 12-pans, AS954

SAE AS954

AS2405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/16	7.7	10.9	4.5	22	8	10
7/32	8.5	10.9	4.9	22	8	10
1/4	9.4	10.9	5.3	22	8	10
9/32	10.2	10.9	5.5	22	8	10
5/16	11.3	11.7	6.4	22	10	10
11/32	12.5	12	6.8	22	10	10
3/8	13.7	12.9	6.8	22	13	10
7/16	15.6	14.3	8.8	22	17	10
1/2	17.2	16.4	8.9	22	20	10
9/16	18.8	17.9	9.1	24	27	10

Aerospace Standard SAE AS954



RSAS2405A/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

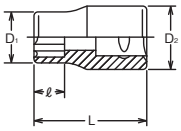
SAE AS954

RSAS2405A/10	10 Pieces Set/Rail 150mm	(g)
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16		160

2410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive

2410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	6.7	11.2	3.5	22	8	10
4.5	7.3	11.2	4	22	8	10
5	8	11.2	5	22	8	10
5.5	8.5	11.2	5.5	22	9	10
6	9.2	11.2	5.5	22	9	10
7	10.3	11.2	6	22	9	10
8	11.2	11.7	6.9	22	11	10
9	13	12	7.3	22	12	10
10	14.3	12.9	7.7	22	15	10
11	15.5	14.3	9.3	22	18	10
12	16.8	15.5	9.3	22	23	10
13	18	16.4	9.8	22	23	10
14	19.3	17.9	11	24	30	10



RS2410M/11

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

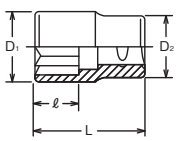
RS2410M/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		222

2415M / 2415A

Double 4-point Sockets
Doppelvierkant Steckschlüssel
Douilles mâles 4-pans doubles

2415M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6	11	11.7	5.4	22	13	10
8	14.3	12.9	6.8	22	17	10
10	17.4	16	8.2	22	27	10

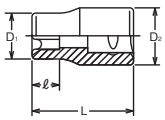
2415A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	11	11.7	5.4	22	14	10
5/16	14.3	12.9	6.8	22	17	10
3/8	17.4	16	8.2	22	26	10



1/4”

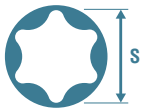
2425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



2425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 4	5.4	11.2	4.6	22	7	10
E 5	6.7	11.2	5.2	22	8	10
E 6	7.7	11.2	5.4	22	8	10
E 7	8.3	11.2	6.6	22	9	10
E 8	9.6	11.2	7	22	9	10
E10	11.3	12	8.2	22	10	10

TORX® (E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24
S	(ref. mm)	3.83	4.72	5.69	6.17	7.47	9.37	10.03	11.12	12.85	14.71	16.64	18.41	20.24	22.10

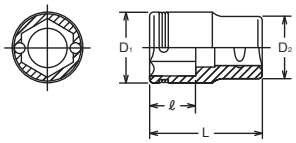
RS2425/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2425/6	6 Pieces Set/Rail 150mm	(g)
E4, E5, E6, E7, E8, E10		90

2450MS

Nut Grip Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung
Douilles à billes de retenue



2450MS (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.3	11.2	4	18	8	10
8	12.3	11.2	5	18	9	10
10	14.3	12.9	6	19	13	10
12	17.4	16	7	20	22	10
13	18	16.4	8	20	22	10
14	19.9	18	8.5	22	31	10

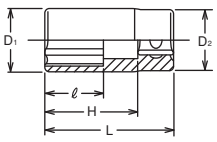
RS2450MS/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2450MS/6	6 Pieces Set/Rail 150mm	(g)
7, 8, 10, 12, 13, 14		120

2300X

6-point Sockets, Semi-Deep
6-kant Steckschlüssel, mittel-lang
Douilles, semi-profondes 6-pans



2300X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
4	6.7	11.2	4	22	32	10	10
5	8	11.2	5.5	22	32	11	10
6	9.2	11.2	7	22	32	12	10
7	10.3	11.2	8	22	32	13	10
8	11.2	11.7	9	22	32	16	10
9	13	12	10	22	32	18	10
10	14.3	12.9	11	21	32	23	10
11	15.5	14.3	12	21	32	27	10
12	16.8	15.5	13	21	32	29	10
13	18	16.4	14	21	32	32	10
14	19.3	17.9	16	20	32	37	10

RS2300X/11

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2300X/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		300

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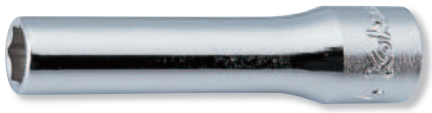
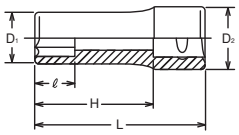
2300M / 2300A

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans

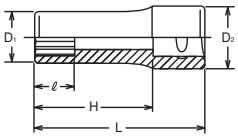




2300M 2305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	5.5	11.2	3	40	50	15	10
4	6.7	11.2	4	40	50	15	10
4.5	7.3	11.2	4.5	40	50	15	10
5	8	11.2	5.5	40	50	17	10
5.5	8.5	11.2	6	40	50	17	10
6	9.2	11.2	7	40	50	20	10
7	10.3	11.2	8	40	50	25	10
8	11.2	11.7	9	40	50	25	10
9	13	12	10	40	50	30	10
10	14.3	12.9	11	39	50	34	10
11	15.5	14.3	12	39	50	43	10
12	16.8	15.5	13	39	50	50	10
13	18	16.4	14	39	50	52	10
14	19.3	17.9	16	38	50	57	10

2305M / 2305A

12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues, 12-pans



2300A 2305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/8	5.7	11.2	3.5	40	50	15	10
5/32	6.7	11.2	4	40	50	15	10
3/16	7.8	11.2	5.5	40	50	17	10
7/32	8.5	11.2	6	40	50	17	10
1/4	9.6	11.2	7	40	50	25	10
9/32	10.3	11.2	8	40	50	25	10
5/16	11.2	11.7	9	40	50	25	10
11/32	12.5	11.7	10	40	50	30	10
3/8	13.7	12.5	11	40	50	34	10
7/16	15.5	14.3	12	39	50	43	10
1/2	18	16.4	14	39	50	52	10
9/16	19.3	17.9	16	38	50	57	10

RS2300M/11
RS2305M/11

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2300M/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		437

RS2305M/11	11 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		437

RS2300A/9
RS2305A/9

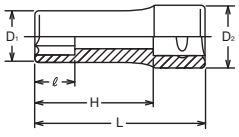
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2300A/9	9 Pieces Set/Rail 150mm	(g)
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		300

RS2305A/9	9 Pieces Set/Rail 150mm	(g)
3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		300

2300W-BA

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



	2300W (BA)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	4	9.8	12	7	40	50	25	10
New	3	10.9	12	8	40	50	25	10
New	2	11.6	12	9	40	50	25	10
New	1	13	12	10	40	50	30	10
New	0	15.1	13.5	12	39	50	38	10

BA

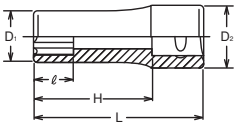
BA		8BA	7BA	6BA	5BA	4BA	3BA	2BA	1BA	0BA
Across Flat	(ref. mm)	3.86	4.37	4.90	5.59	6.30	7.16	8.23	9.27	10.49
	(ref. inch)	0.152	0.172	0.193	0.220	0.248	0.282	0.324	0.365	0.413

1/4”

AS2305A

12-point Deep Sockets, AS954
12-kant Steckschlüssel, lang, AS954
Douilles longues 12-pans, AS954

SAE AS954



AS2305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3/16	7.7	10.9	4.5	40	50	17	10
7/32	8.5	10.9	4.9	40	50	17	10
1/4	9.4	10.9	5.3	40	50	19	10
9/32	10.2	10.9	5.5	40	50	18	10
5/16	11.3	11.7	6.4	40	50	23	10
11/32	12.5	12	6.8	40	50	24	10
3/8	13.7	12.8	6.8	39	50	31	10
7/16	15.6	14.2	8.8	39	50	38	10
1/2	17.2	16.2	8.9	39	50	42	10
9/16	18.8	17.1	9.1	38	50	47	10

Aerospace Standard SAE AS954

RSAS2305A/10

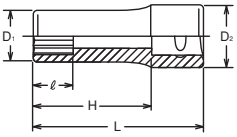
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

SAE AS954

RSAS2305A/10	10 Pieces set/Rail 150mm	(g)
	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16	307

2310M

Surface Drive Deep Sockets
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



2310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3	5.5	11.2	3	40	50	15	10
4	6.7	11.2	4	40	50	15	10
4.5	7.3	11.2	4.5	40	50	15	10
5	8	11.2	5.5	40	50	17	10
5.5	8.5	11.2	6	40	50	17	10
6	9.2	11.2	7	40	50	20	10
7	10.3	11.2	8	40	50	25	10
8	11.2	11.7	9	40	50	25	10
9	13	12	10	40	50	30	10
10	14.3	12.9	11	39	50	34	10
11	15.5	14.3	12	39	50	43	10
12	16.8	15.5	13	39	50	50	10
13	18	16.4	14	39	50	52	10
14	19.3	17.9	16	38	50	57	10

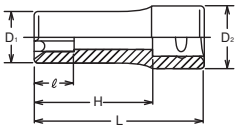
RS2310M/11

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2310M/11	11 Pieces set/Rail 200mm	(g)
	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	437

2325

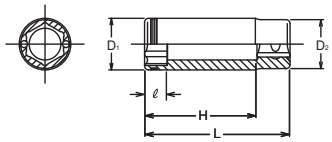
TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®



2325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 4	5.4	12	4.6	40	50	17	10
E 5	6.8	12	5.2	40	50	20	10
E 6	8	12	5.4	40	50	20	10
E 7	8.3	12	6.6	40	50	22	10
E 8	9.8	12	7	40	50	25	10
E10	11.6	12	8.2	40	50	29	10

2350M

Nut Grip Deep Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung, lang
Douilles longues à billes de retenue



2350M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12.3	11.2	5	40	50	30	10
10	14.2	12.9	6	39	50	35	10
12	17.3	16	7	39	50	55	10
14	19.9	18	8.5	38	50	70	10

NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.

Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l'ouverture du 6-pans de la douille retiennent l'écrou de manière sûre et efficace.

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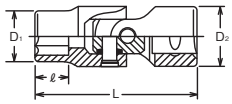
2440M / 2440A

6-point Universal Sockets
6-kant Gelenk-Einsätze
Douilles universelles, 6-pans



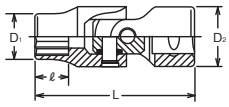
2440M 2445M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	6.7	13	4.8	31.5	17	10
5	8	13	5.3	32	17	10
6	9.2	13	6.1	33	18	10
7	10.5	13	6.5	33	19	10
8	11.7	13	7	34	19	10
9	13	13	7	34	20	10
10	14.2	13	8.3	35	20	10
11	15.5	13	9.5	36	21	10
12	16.7	13	10	37	21	10
13	18	13	10.5	37	26	10
14	19.2	13	10.5	37	28	10

2440A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	9.8	13	6.5	33	18	10
5/16	11.7	13	7	34	19	10
3/8	13.7	13	8.3	35	20	10
7/16	15.5	13	9.5	36	21	10
1/2	18	13	10.5	37	26	10
9/16	19.2	13	10.5	37	28	10

2445A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/16	8	13	5.3	32	18	10
1/4	9.8	13	6.5	33	18	10
9/32	10.5	13	6.5	33	19	10
5/16	11.7	13	7	34	19	10
11/32	13	13	7	34	20	10
3/8	13.7	13	8.3	35	20	10
7/16	15.5	13	9.5	36	21	10
1/2	18	13	10.5	37	26	10
9/16	19.2	13	10.5	37	28	10

2445M / 2445A

12-point Universal Sockets
12-kant Gelenk-Einsätze
Douilles universelles, 12-pans



RS2445A/9

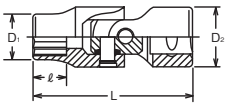
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2445A/9	9 Pieces set/Rail 150mm	(g)
New	**3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16**	220

AS2445A

12-point Universal Sockets, AS954
12-kant Gelenk-Einsätze, AS954
Douilles universelles, 12-pans, AS954

SAE AS954

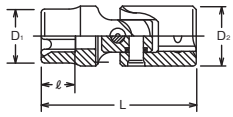


AS2445A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	9.6	12.9	5.7	31.8	18	10
5/16	11.7	12.9	7	34.6	21	10
3/8	13.5	12.9	8.3	35.1	21	10
7/16	15.5	12.9	9.5	39.1	25	10
1/2	17.2	12.9	10.5	40.1	27	10

Aerospace Standard SAE AS954

2440T

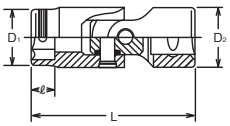
TORX® Universal Sockets
TORX® Gelenk-Einsätze
Douilles universelles TORX®



2440T (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 6	8	13	5.4	31.9	20	10
E 8	9.8	13	7	33.1	20	10
E10	11.7	13	8.2	33.6	21	10
E12	14.2	13	9.3	35.1	24	10

2441M

Nut Grip Universal Sockets **Nut Grip®**
Gelenk-Einsätze mit zweifacher Kugelhalterung
Douilles universelles à billes de retenue



2441M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.3	13	4	33	19	10
8	12.3	13	5	32	19	10
10	14.5	13	6	32.5	21	10
12	16.8	13	7	34	21	10
13	18	13	8	35	21	10
14	20	13	8.5	37	28	10

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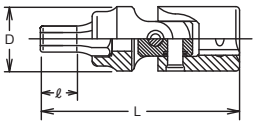
1/4”

2430M

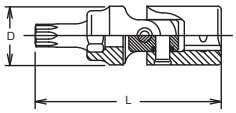
Universal Hex Sockets
Gelenk-Einsätze für Schrauben mit Innensechskant
Douilles universelles, 6-pans mâles



2430M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3	13	5.5	40	18	10
4	13	5.5	40	19	10
5	13	6.5	40	20	10
6	13	7.5	40	21	10

2430T

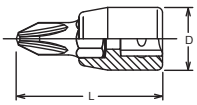
TORX® Universal Sockets
TORX® Gelenk-Einsätze
Douilles universelles TORX®



2430T (T)	D (mm)	L (mm)	(g)	(pcs.)
T 8	13	42	22	10
T 9	13	42	22	10
T10	13	42	22	10
T15	13	42	22	10
T20	13	42	22	10
T25	13	42	22	10
T27	13	42	23	10
T30	13	42	23	10

2000-28 (PH)

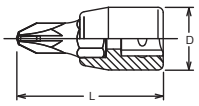
Phillips Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben, Phillips
Douilles tournevis pour vis à empreinte Phillips



2000-28 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	12	28	10	10
2	12	28	11	10
3	12	28	12	10
4	13.1	28	14	10

2000-28 (PZ)

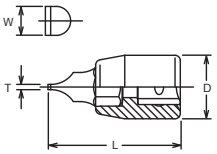
PZ Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben,PZ
Douilles tournevis pour vis à empreinte PZ



2000-28 (PZ)	D (mm)	L (mm)	(g)	(pcs.)
PZ1	12	28	10	10
PZ2	12	28	11	10
PZ3	12	28	12	10

2005-25

Bit Sockets for Slotted Head
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



2005-25	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	0.5× 3	12	25	9	10
4	0.8× 4	12	25	10	10
5	1.0× 5.5	12	25	10	10
6	1.2× 6.5	13.1	25	11	10
8	1.2× 8	13.1	25	12	10
9	1.6× 8	13.1	25	12	10
10	1.6×10	14.3	25	13	10

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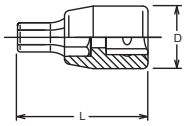
2010M-25/-100
2010A-25

Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux

2010M-25 (mm)	D (mm)	L (mm)	(g)	(pcs.)
New 1.5	12	25	9	10
New 2	12	25	9	10
2.5	12	25	9	10
3	12	25	9	10
4	12	25	9	10
5	12	25	10	10
6	12	25	12	10
7	13.1	25	12	10
8	13.1	25	14	10
10	14.3	25	17	10



2010M-100 (mm)	D (mm)	L (mm)	(g)	(pcs.)
New 2	12	100	30	10
2.5	12	100	30	10
3	12	100	30	10
4	12	100	30	10
5	12	100	30	10
6	12	100	35	10
7	13.1	100	35	10
8	13.1	100	38	10
10	14.3	100	45	10

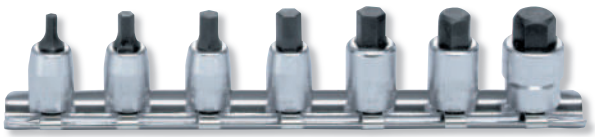
2010A-25 (inch)	D (mm)	L (mm)	(g)	(pcs.)
1/8	12	25	9	10
5/32	12	25	9	10
3/16	12	25	10	10
7/32	12	25	11	10
1/4	12	25	12	10
9/32	13.1	25	12	10
5/16	13.1	25	14	10
3/8	14.3	25	17	10

RS2010M/7-L25
RS2010A /8-L25

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2010M/7-L25	7 Pieces set/Rail 150mm	(g)
3, 4, 5, 6, 7, 8, 10		120

RS2010A/8-L25	8 Pieces set/Rail 150mm	(g)
1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 3/8		130

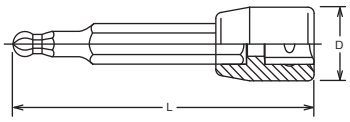


2011M-50

Ballpoint Inhex Sockets
Steckschlüssel mit Kugelkopf, für Innensechskant-Schrauben
Douilles tournevis avec tête sphérique pour vis 6-pans creux

2011M-50 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	12	50	16	10
4	12	50	17	10
5	12	50	18	10
6	12	50	18	10

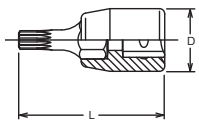
Ball point bit sockets have less strength due to the special design. Make sure to use them correctly.



2020-28/-50

XZN Bit Sockets
Steckschlüssel für XZN Schrauben
Douilles tournevis pour empreinte XZN

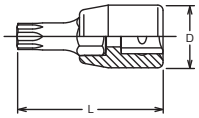
2020-28 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
M4	12	28	12	10
M5	12	28	12	10
M6	12	28	13	10
M8	13.1	28	14	10



2020-50 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
M4	12	50	20	10
M5	12	50	20	10
M6	12	50	22	10
M8	13.1	50	24	10

2025-28/-80 (T)

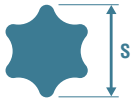
TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®



	2025-28 (T)	D (mm)	L (mm)	(g)	(pcs.)
New	**T 8**	12	28	10	10
New	**T 9**	12	28	10	10
	T10	12	28	10	10
	T15	12	28	10	10
	T20	12	28	11	10
	T25	12	28	11	10
	T27	12	28	12	10
	T30	12	28	12	10
	T40	12	28	13	10

2025-80 (T)	D (mm)	L (mm)	(g)	(pcs.)
T10	12	80	40	10
T15	12	80	40	10
T20	12	80	42	10
T25	12	80	42	10
T27	12	80	45	10
T30	12	80	45	10
T40	12	80	50	10

TORX®
(T)



T		T8	T9	T10	T15	T20	T25	T27	T30	T40	T45	T50	T55	T60	T70	T80	T90	T100
S	(ref. mm)	2.30	2.48	2.72	3.26	3.84	4.40	4.96	5.49	6.60	7.77	8.79	11.17	13.20	15.49	17.51	19.88	22.09

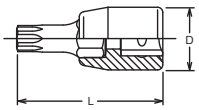
RS2025/7-L28

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2025/7-L28	7 Pieces set/Rail 150mm	(g)
T10, T15, T20, T25, T27, T30, T40		120

2025-28 (TH)

Tamper-Resistant TORX® Bit Sockets
Tamper-Resistant TORX® Bit-Steckschlüssel
Douilles tournevis, Tamper-Resistant TORX®



2025-28 (TH)	D (mm)	L (mm)	(g)	(pcs.)
T10H	12	28	10	10
T15H	12	28	10	10
T20H	12	28	11	10
T25H	12	28	11	10
T27H	12	28	12	10
T30H	12	28	12	10
T40H	12	28	13	10

Tamper Resistant TORX® Bit Sockets have less strength due to their special design. Make sure to use it correctly.

RS2025/7-L28 (TH)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2025/7-L28 (TH)	7 Pieces set/Rail 150mm	(g)
T10H, T15H, T20H, T25H, T27H, T30H, T40H		120

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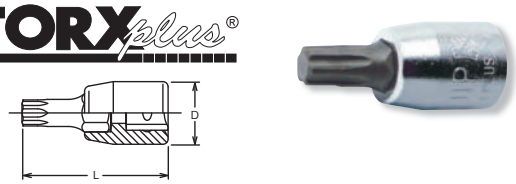
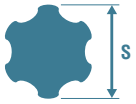
2025-28 (IP)

TORX PLUS® Bit Sockets
TORX PLUS® Bit-Steckschlüssel
Douilles tournevis, TORX PLUS®

2025-28 (IP)	D (mm)	L (mm)	(g)	(pcs.)
8IP	12	28	10	10
9IP	12	28	10	10
10IP	12	28	10	10
15IP	12	28	10	10
20IP	12	28	11	10
25IP	12	28	11	10
27IP	12	28	12	10
30IP	12	28	12	10
40IP	12	28	13	10



TORX Plus® (IP)

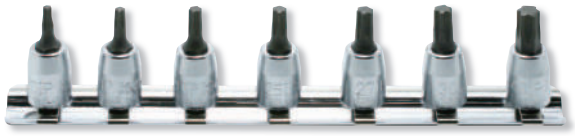


IP		8IP	9IP	10IP	15IP	20IP	25IP	27IP	30IP	40IP	45IP	50IP	55IP	60IP
S	(ref. mm)	2.29	2.48	2.72	3.25	3.84	4.39	4.95	5.49	6.60	7.77	8.79	11.16	13.20

RS2025/7-L28 (IP)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2025/7-L28 (IP)	7 Pieces set/Rail 150mm	(g)
10IP, 15IP, 20IP, 25IP, 27IP, 30IP, 40IP		120

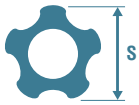


2025-28 (PR)

Penta-Lobe Bit Sockets, with hole
5 Stern, mit Stirnbohrung
Empreinte penta avec trou

2025-28 (PR)	D (mm)	L (mm)	(g)	(pcs.)
8PR	12	28	10	10
9PR	12	28	10	10
10PR	12	28	10	10
15PR	12	28	10	10
20PR	12	28	11	10
25PR	12	28	11	10
27PR	12	28	12	10
30PR	12	28	12	10
40PR	12	28	13	10

Penta-Lobe (PR)



PR		8PR	9PR	10PR	15PR	20PR	25PR	27PR	30PR	40PR	45PR	50PR	55PR
S	(ref. mm)	2.19	2.36	2.58	3.10	3.64	4.12	4.71	5.23	6.30	7.38	8.35	10.63

RS2025/7-L28 (PR)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2025/7-L28 (PR)	7 Pieces set/Rail 150mm	(g)
10PR, 15PR, 20PR, 25PR, 27PR, 30PR, 40PR		120

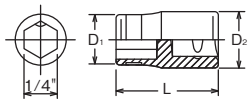
2137

Bit Holder
Klingenhalter
Porte-embouts

	D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)
2137	12	12	22.5	13	10

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts

D6.3



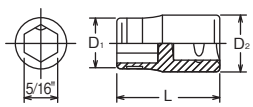
2138

Bit Holder
Klingenhalter
Porte-embouts

	D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)
2138	16	16	26	32	10

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts

D8



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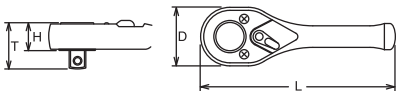
1/4”

2753PS

Reversible Ratchet (Short)
Knarre kurz, verstellbar
Cliquet courte, réversible



S.O.D.H-System | 2 Two-Step Dog | 20

* Renewal Kits → 2753RK ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2753PS	22	18.7	11.4	75	55	5

2753J

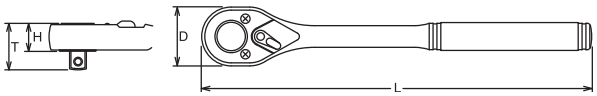
Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H-System | 2 Two-Step Dog | 20

* Renewal Kits → 2753RK ➡P266

2753P

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



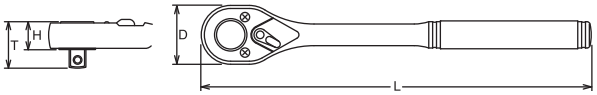
S.O.D.H-System | 2 Two-Step Dog | 20

* Renewal Kits → 2753RK ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2753J	22	18.7	11.4	115	84	5
2753P	22	18.7	11.4	115	87	10

2753P-160

Reversible Ratchet (Long)
Verstellbare Knarre, lang
Cliquet réversible, longue



S.O.D.H-System | 2 Two-Step Dog | 20

* Renewal Kits → 2753RK ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2753P-160	22	18.7	11.4	160	107	5

2753JB

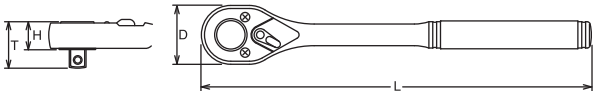
Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

S.O.D.H-System | 2 Two-Step Dog | 20 | Quick Release

* Renewal Kits → 2753BRK ➡P266

2753PB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage



S.O.D.H-System | 2 Two-Step Dog | 20 | Quick Release

* Renewal Kits → 2753BRK ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2753JB	22	18.7	11.4	115	84	5
2753PB	22	18.7	11.4	115	87	10

Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked. By pushing the button the sockets or extension bars are released from the ratchet.

Umstellbare Knarre mit Verriegelungsknopf :
Steckschlüssel und Zubehörteile werden sicher und fest gehalten. Bei Drücken des Knopfes lösen sich die Teile.

Cliquet réversible à verrouillage :
Les douilles et accessoires ne peuvent plus tomber. Une pression du pouce sur le bouton suffit pour les libérer.

2774JS

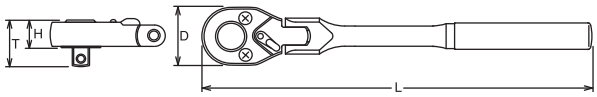
Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 2753RK P266

2774PS

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 2753RK P266



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2774JS	22	18.7	11.4	116	113	5
2774PS	22	18.7	11.4	116	110	5

2774J

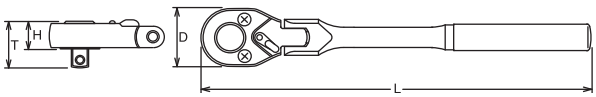
Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 2753RK P266

2774P

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 2753RK P266

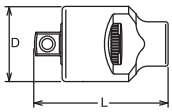


	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2774J	22	18.7	11.4	161	130	2
2774P	22	18.7	11.4	161	126	2

2755

Ratchet Adaptor
Aufsteckknarre
Cliquet adaptable

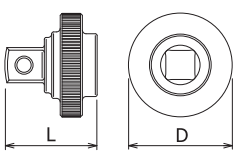
* Renewal Kits → 2755RK P268



	D (mm)	L (mm)	(g)	(pcs.)
2755	26	40	80	10

2756

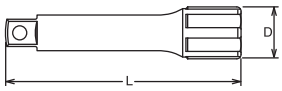
Quick Spinner
Rändel-Drehscheibe
Lanceur



	D (mm)	L (mm)	(g)	(pcs.)
2756	22	20.5	25	10

2760-28/-50/-75/-100/-150/-200/-250/ -300/-350/-400/-600

Extension Bars
Verlängerungen
Rallonges



2760	D (mm)	L (mm)	(g)	(pcs.)
28	12.3	28	14	10
50	12.3	50	23	10
New **75**	12.3	75	35	10
100	12.3	100	44	10
150	12.3	150	63	10
200	12.3	200	83	10
250	12.3	250	103	10
300	12.3	300	122	2
350	12.3	350	145	2
400	12.3	400	160	2
600	12.3	600	240	2

PK2760/6

Extension Set in Plastic Box
Verlängerungen in Kunststoffkassette
Jeu de rallonges en boîte plastique

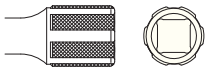
PK2760/6 — 6 Pieces Set/=430g

PLASTIC TRAY

Extension Bars

2760 Extension Bars
28, 50, 100, 150, 200, 250

Rotation and general handling of extensions with oily hands is greatly improved with the Koken developed 6 point knurling. Also the Koken 6 point knurling stops the extensions from rolling around the work area.



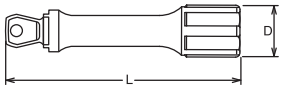
Durch die von Koken entwickelte 6 fache Rändelung wird die Handhabung deutlich erleichtert. Außerdem wird das Herumrollen der Verlängerungen wirksam verhindert.

La manipulation des rallonges est grandement facilitée par le profil moleté développé par Koken. Ce même profile empêche le roulement intempestif des rallonges sur le plan de travail.

2763-28/-50/-75/-100/-150/-200/-250

Wobble-Fix

Wobble-Fix Extension Bars
Winkel-Verlängerungen
Rallonges angulaires



2763	D (mm)	L (mm)	(g)	(pcs.)
28	12.3	28	14	10
50	12.3	50	23	10
75	12.3	75	33	10
100	12.3	100	43	10
150	12.3	150	62	10
200	12.3	200	80	10
250	12.3	250	100	10

PK2763/6

Wobble-Fix Extension Bars in Plastic Box
Winkel-Verlängerungen in Kunststoffkassette
Jeu de rallonges angulaires en boîte plastique

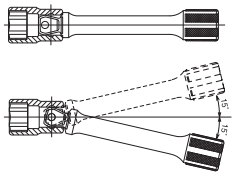
PK2763/6 — 6 Pieces Set/=420g

PLASTIC TRAY

Extension Bars

2763 Wobble-Fix Extension Bar
28, 50, 100, 150, 200, 250

Wobble-Fix Extension Bar
Two way usage
a) In a fixed position, as a normal extension bar
b) In a half-fixed position, as a flexible extension bar providing a 15° angle operation



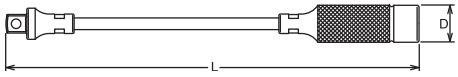
Winkel-Verlängerungen
Winkelverlängerungen lassen sich in zwei Einstellungen verwenden
a) voll eingesteckt und starr,
b) halb eingesteckt, mit einem Arbeitswinkel von 15°.

Rallonges angulaires
Deux utilisations possibles
a) comme rallonge normale, dans une position fixe
b) comme une rallonge angulaire avec une possibilité d'inclinaison jusqu'à 15°

The Wobble-Fix Extension Bar has less strength than normal extension bar due to it's specific design with a reduced square drive. Make sure to use it correctly.

2762

Flexible Extension Bar
Biegsame Verlängerung
Rallonge flexible



	D (mm)	L (mm)	(g)	(pcs.)
2762	13	300	90	2

2120

Magnetic Head
Magnetkopf
Tête aimantée

	L (mm)	(g)	(pcs.)
2120	23	21	10

2768J

Hinge Handle
Gelenkgriff
Poignée articulée

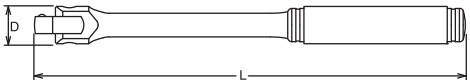
* Renewal Kits → **2768RK** P268

2768P

Hinge Handle
Gelenkgriff
Poignée articulée

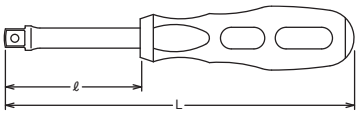
* Renewal Kits → **2768RK** P268

	D (mm)	L (mm)	(g)	(pcs.)
2768J	14	130	73	5
2768P	14	130	70	10



2769N-150/-220

Spin Type Handle
Drehgriff
Poignée emmanchée

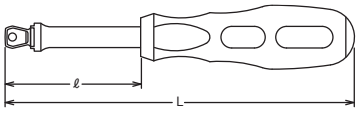


2769N	ℓ (mm)	L (mm)	(g)	(pcs.)
150	50	150	68	2
220	120	220	100	2

Plastic or rubber handles are not intended to act as insulation.
Plastik-oder Gummigriffe stellen keinen Isolierschutz dar.
Les poignées en plastique ou en caoutchouc ne garantissent aucune isolation électrique.

2769NWF-150/-220

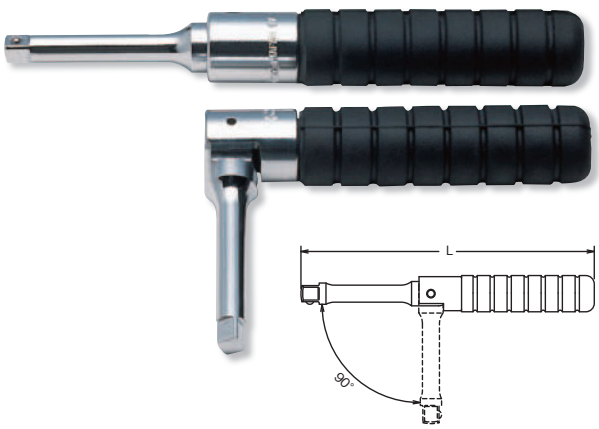
Spin Type Handle(Wobble-Fix)
Drehgriff, Wobble-Fix
Poignée emmanchée, angulaire



2769NWF	ℓ (mm)	L (mm)	(g)	(pcs.)
150	50	150	68	2
220	120	220	100	2

2769H

Folding Socket Driver
Klapp-Drehgriff
Poignée tournevis articulée

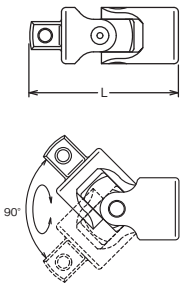


	L (mm)	(g)	(pcs.)
2769H	160	180	10

1/4”

2770

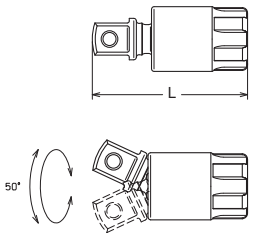
Universal Joint
Gelenk-Einsatz
Cardan universel



	L (mm)	(g)	(pcs.)
2770	33	20	10
2771	31	20	10

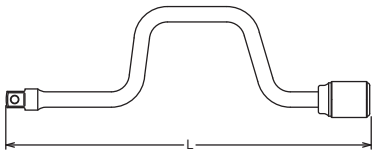
2771

Universal Joint
Gelenk-Einsatz
Cardan universel



2780

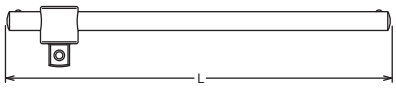
Speed Handle
Winde
Vilebrequin



	L (mm)	(g)	(pce.)
2780	350	250	1

2785

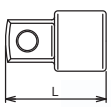
T-Handle
T-Griff
Poignée coulissante



	L (mm)	(g)	(pcs.)
2785	115	36	10

2233A

Adaptor
Verbindungsstück
Augmentateur



	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
2233A	1/4"	3/8"	22	16	10

ESH2001

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

ESH2001	16 Pieces Set/=630g
METAL CASE:W160xH100xT28mm	
Sockets	Accessories
2410M Surface Drive Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2753J** **2763-50** **2760-150** **2770** **2785**

ENH2003

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

ENH2003	26 Pieces Set/=980g
METAL CASE:W310xH86xT40mm	
Sockets	Accessories
2400M 6-pt. Sockets 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 **108P** Phillips Bits 1, 2 **108S** Slotted Bits 4, 6, 8 **108H** Hex Bits 3, 4, 5, 6	**2753J** **2760-50** **2760-150** **2769N-150** **2770** **2785** **2137**

2251M / 2251A

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

2251M	17 Pieces Set/=725g
METAL CASE:W192xH122xT30mm	
Sockets	Accessories
2400M 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11,13	**2753J** **2760-50** **2760-150** **2768J** **2770** **2785**

2251A	15 Pieces Set/=700g
METAL CASE:W192xH122xT30mm	
Sockets	Accessories
2400A 6-pt. Sockets 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	**2753J** **2760-50** **2760-150** **2768J** **2770** **2785**

2258M

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

2258M	31 Pieces Set/=965g
METAL CASE:W240xH100xT32mm	
Sockets	Accessories
2400M 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13 **2000.28** Bit Sockets 1, 2, 3 **2005.25** Bit Sockets 4, 6 **2010M.25** Bit Sockets 3, 4, 5, 6, 8 **2025.28** Bit Sockets T10, T15, T20, T25, T30	**2753J** **2760-100** **2769N-150** **2770** **2785**

1/4”

2259M

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

2259M	31 Pieces Set/=991g

METAL CASE:W240×H100×T32mm

Sockets	Accessories
2400M 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13	**2774JS**
2000.28 Bit Sockets 1, 2, 3	**2760-100**
2005.25 Bit Sockets 4, 6	**2769N-150**
2010M.25 Bit Sockets 3, 4, 5, 6, 8	**2770**
2025.28 Bit Sockets T10, T15, T20, T25, T30	**2785**

2275

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

2275	19 Pieces Set/=880g

METAL CASE:W192×H122×T30mm

Sockets	Accessories
2400M 6-pt. Sockets 5.5, 6, 7, 8, 10, 12, 13	**2753J**
2000.28 Bit Sockets 1, 2, 3	**2763-50**
2005.25 Bit Sockets 6, 8	**2769N-150**
2010M.25 Bit Sockets 3, 4, 5, 6	

2276

Socket Set with Bits and Accessories
Bit Satz mit Zubehör
Jeu d'embouts et avec accessoires

2276	19 Pieces Set/=640g

METAL CASE:W192×H122×T30mm

Bits	Accessories
108P Phillips Bits 1, 2, 3	**2753PS**
108S Slotted Bits 4, 5, 6	**2769N-150**
108H Hex Bits 3, 4, 5, 6	**2137**
108T TORX® Bits T10, T15, T20, T25, T27, T30	

2277

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

2277	21 Pieces Set/=1,240g

METAL CASE:W310×H86×T50mm

Sockets	Accessories
2400M 6-pt. Sockets 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2753J**
2300M 6-pt. Deep Sockets 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2763-75**
	2769N-150

P2201AM

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

P2201AM	25 Pieces Set/=800g

PLASTIC CASE:W245×H120×T45mm

Sockets	Accessories
2400M 6-pt. Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2753J**
2400A 6-pt. Sockets 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	**2760-100**
	2769N-150
	2770
	2785

P2251M

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

P2251M	18 Pieces Set/=770g

PLASTIC CASE:W245×H120×T45mm

Sockets	Accessories
2400M 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2753J**
	2760-50
	2760-150
	2768J
	2770
	2785

P2258M

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

P2258M	31 Pieces Set/=860g

PLASTIC CASE:W245×H120×T45mm

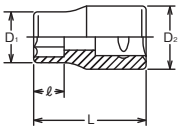
Sockets	Accessories
2400M 6-pt. Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	**2753J**
2000.28 Bit Sockets 1, 2, 3	**2760-100**
2005.25 Bit Sockets 4, 6	**2769N-150**
2010M.25 Bit Sockets 3, 4, 5, 6, 8	**2770**
2025.28 Bit Sockets T10, T15, T20, T25, T30	**2785**

ABS Case - PE foam insert
Kunststoffkassette - Weichschaumeinlage
Coffret en ABS - Inserts en mousse

3/8”

3400M / 3400A

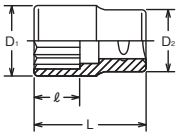
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



	3400M 3405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**5**	8.3	17.3	5	26	20	10
New	**5.5**	8.9	17.3	5.5	26	20	10
	6	9.9	17.3	6	26	20	10
	7	10.8	17.3	6.5	26	20	10
	8	12	17.3	7	26	22	10
	9	13.3	17.3	7.5	26	23	10
	10	14.5	17.3	8	26	24	10
	11	15.8	17.3	8.5	26	25	10
	12	16.8	17.3	9	26	25	10
	13	18	17	9.5	26	24	10
	14	19.5	18.5	11	27	31	10
	15	20.8	19.5	11.5	28	39	10
	16	22	20	12	28	42	10
	17	23.3	21.5	12.5	29	51	10
	18	24.5	22.5	13	30	51	10
	19	25.8	23.5	13.5	30	63	10
	20	27	24.5	14	31	75	10
	21	28	26	14.5	32	77	10
	22	29.5	26.5	15	32	82	10
	23	30.8	27.5	15.5	33	95	10
	24	32	28.5	16	34	102	10

3405M / 3405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



	3400A 3405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**3/16**	8.3	17.4	5	26	20	10
	1/4	10.3	17.3	6	26	20	10
New	**9/32**	10.8	17.3	6.5	26	21	10
	5/16	12	17.3	7	26	22	10
	11/32	13.3	17.3	7.5	26	23	10
	3/8	13.9	17.3	8	26	23	10
	7/16	15.8	17.3	8.5	26	25	10
	1/2	18	17	9.5	26	24	10
	9/16	19.5	18.5	11	27	31	10
	19/32	20.8	19.5	11.5	28	39	10
	5/8	22	20	12	28	42	10
	11/16	24.5	22.5	13	30	51	10
	3/4	25.8	23.5	13.5	30	63	10
	25/32	27	24.5	14	31	75	10
	13/16	28	26	14.5	32	77	10
	7/8	29.5	26.5	15	32	82	10
	15/16	32	28.5	16	34	102	10

FLAT DRIVE®

Flat drive is designed to guarantee a flat surface contact between the socket and the bolt/nut. The Flat contact reduces wear and allows to transmit a higher torque value. The Flat Drive System is also used for the square drive end as well as the hexagonal or bi-hexagonal openings of the socket

Das Flat Drive Design sorgt für die optimale Kraftübertragung zwischen den Flächen des Steckschlüssels und der Schraube. Dies erlaubt eine Übertragung von höheren Drehmomenten. Das Flat Drive System findet ebenfalls bei allen Antriebsvierkanten sowie bei 6-kant und 12-kant Profilen Verwendung.

Le profil Flat Drive garantit un contact optimal entre la douille et l'écrou. Ce contact «à plat» réduit l'usure et permet la transmission d'un couple plus élevé. Ce système Flat Drive est utilisé pour tous les carrés conducteurs ainsi que pour toutes nos douilles 6-pans et 12-pans.

RS3400M/12
RS3405M/12

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3400M/12 — 12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	465

RS3405M/12 — 12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	465

RS3400A/9
RS3405A/9

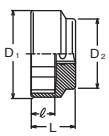
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3400A/9 — 9 Pieces Set/Rail 200mm	(g)
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	333

RS3405A/9 — 9 Pieces Set/Rail 200mm	(g)
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	333

3400M-24

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



	3400M.24 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**27**	36.5	21.5	13.5	24	100	10
New	**30**	40.0	25	13.5	24	100	10
New	**32**	42.8	28	13.5	24	100	10
New	**36**	47.2	32	13.5	24	110	10

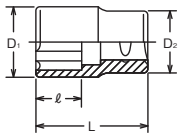
Oil Filter Socket
Ölfilter Steckschlüssel
Douille pour filtre à huile

3/8”

3410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive

3410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New 5.5	8.9	17.3	5.5	26	20	10
6	9.9	17.3	6	26	20	10
7	10.8	17.3	6.5	26	20	10
8	12	17.3	7	26	22	10
9	13.3	17.3	7.5	26	23	10
10	14.5	17.3	8	26	24	10
11	15.8	17.3	8.5	26	25	10
12	16.8	17.3	9	26	25	10
13	18	17	9.5	26	24	10
14	19.5	18.5	11	27	31	10
15	20.8	19.5	11.5	28	39	10
16	22	20	12	28	42	10
17	23.3	21.5	12.5	29	51	10
18	24.5	22.5	13	30	51	10
19	25.8	23.5	13.5	30	63	10
20	27	24.5	14	31	75	10
21	28	26	14.5	32	77	10
22	29.5	26.5	15	32	82	10
23	30.8	27.5	15.5	33	95	10
24	32	28.5	16	34	102	10



SURFACE DRIVE

Surface drive sockets are designed to retain contact with the flat sides of the nut in order to transmit higher torque and reduce nut wear.
These sockets are ideal for using on polished nuts, aluminum nuts and nuts with worn out points.

Das Profil unserer Surface-Drive Steckschlüssel greift die Schraube an deren Flächen. Dies sichert eine höhere Kraftübertragung und verhindert ein Durchrutschen des Steckschlüssels. Diese Steckschlüssel eignen sich besonders für polierte Schrauben, Aluminium Schrauben und Schrauben bei denen die Ecken bereits abgerundet sind.

Notre profil Surface Drive assure le contact entre la douille et les plats de l'écrou. Ceci réduit l'usure et permet la transmission d'un couple plus élevé. C'est une solution idéale pour les écrous polies, celles en aluminium ou arrondies.

RS3410M/12

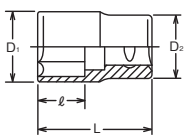
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3410M/12	12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		468

3400W

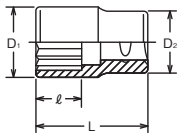
6-point Whitworth Sockets
6-kant Steckschlüssel, Whitworth
Douilles à 6-pans Whitworth

3400W 3405W (W)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/8	13.3	17.3	7.5	26	22	10
3/16	15.8	17.3	8.5	26	25	10
1/4	18	17	9.5	26	24	10
5/16	20.8	19.5	11.5	28	39	10
3/8	24.5	22.5	13	30	51	10
7/16	28	26	14.5	32	81	10
1/2	30.8	27.5	15.5	33	103	10
9/16	34.5	30.5	17	35	128	10



3405W

12-point Whitworth Sockets
12-kant Steckschlüssel, Whitworth
Douilles à 12-pans Whitworth



BS W

BS・W	BS	3/16BS	1/4BS	5/16BS	3/8BS	7/16BS	1/2BS	9/16BS	5/8BS	11/16BS	3/4BS	7/8BS
	W	1/8W	3/16W	1/4W	5/16W	3/8W	7/16W	1/2W	9/16W	5/8W	11/16W	3/4W
Across Flat	(ref. mm)	8.64	11.30	13.34	15.24	18.03	20.83	23.37	25.65	27.94	30.48	33.02

RS3400W/7
RS3405W/7

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

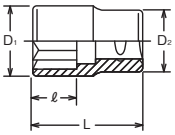
RS3400W/7	7 Pieces Set/Rail 200mm	(g)
1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2		389

RS3405W/7	7 Pieces Set/Rail 200mm	(g)
1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2		389

3/8”

3415M / 3415A

Double 4-point Sockets
Doppelvierkant Steckschlüssel
Douilles 4-pans, doubles

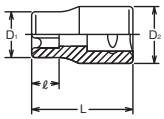


3415M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6	12	17.3	6	26	24	10
8	14.5	17.3	7	26	26	10
10	16.8	17.3	8	26	27	10
12	20.8	19.5	9	27	43	10

3415A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	12	17.3	6	26	24	10
5/16	14.5	17.3	7	26	26	10
11/32	15.8	17.3	7.5	26	27	10
3/8	16.8	17.3	8	26	27	10
7/16	19.5	18.5	8.5	27	37	10
1/2	22	20	9.5	27	46	10

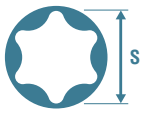
3425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



3425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 4	5.6	17.3	4.6	26	18	10
E 5	7	17.3	5.2	26	20	10
E 6	8.3	17.3	5.4	26	21	10
E 7	8.9	17.3	6.6	26	22	10
E 8	9.9	17.3	7	26	23	10
E10	12	17.3	8.2	26	24	10
E11	13.3	17.3	8.7	26	25	10
E12	14.5	17.3	9.3	26	26	10
E14	15.8	17.3	10.6	26	27	10
E16	18	17	11.8	26	27	10

TORX® (E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S	(ref. mm)	3.83	4.72	5.69	6.17	7.47	9.37	10.03	11.12	12.85	14.71	16.64	18.41	20.24	22.10	23.85	25.65

RS3425/9

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3425/9	9 Pieces Set/Rail 200mm	(g)
	E4, E5, E6, E7, E8, E10, E12, E14, E16	240

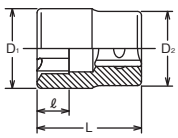
RSX425/14

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RSX425/14		14 Pieces Set/Rail 300mm	(g)
2425	1/4"	**E4, E5, E6, E7, E8**	550
3425	3/8"	**E10, E11, E12, E14**	
4425	1/2"	**E16, E18, E20, E22, E24**	

3400LH

LHS Sockets
Steckschlüssel mit LHS Profil
Douilles au profil LHS



3400LH (LH-S)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5S	10.8	17.3	5	26	20	10
6S	12	17.3	5.6	26	22	10
8S	15.8	17.3	6.8	26	25	10
10S	18	17	8	26	25	10
12S	22	20	9.2	28	42	10
14S	24.5	22.5	10.4	30	51	10
16S	28	26	11.6	32	77	10

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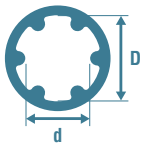
3/8”

RS3400LH/7

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3400LH/7	7 Pieces Set/Rail 150mm	(g)
5S, 6S, 8S, 10S, 12S, 14S, 16S		320

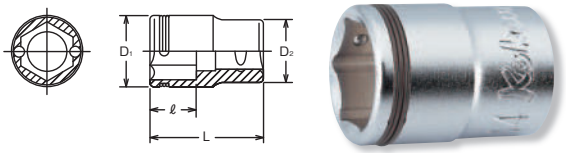
LHSTIX®



LH-S		LH-5S	LH-6S	LH-8S	LH-10S	LH-12S	LH-14S	LH-16S
D	(ref. mm)	7.5	9.0	12.0	15.0	18.0	21.0	24.0
d	(ref. mm)	5.60	6.78	9.04	11.30	13.56	15.82	18.08

3450M

Nut Grip Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung
Douilles à billes de retenue



3450M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	17.3	5	26	21	10
10	14.5	17.3	6	26	24	10
11	15.8	17.3	6.5	26	26	10
12	16.8	17.3	7	26	26	10
13	18	17	8	26	28	10
14	19.5	18.5	8.5	27	34	10
15	20.8	19.5	9	27	42	10
16	22	20	9	27	50	10
17	23.3	21.5	9.5	28	62	10
18	24.5	22.5	10.5	29	64	10
19	25.8	23.3	11.5	29	66	10
21	28	26	12	29	85	10
22	29.5	27	12.5	29	90	10
24	32	30	14.5	31	102	10

NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.

Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l’ouverture du 6-pans de la douille retiennent l’écrou de manière sûre et efficace.

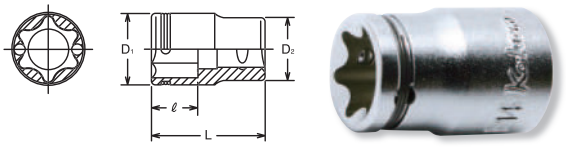
RS3450M/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3450M/8	8 Pieces Set/Rail 200mm	(g)
8, 10, 11, 12, 13, 14, 17, 19		310

3425 (2B)

TORX® Sockets **Nut Grip®**
TORX Steckschlüssel mit 2-facher Kugelhalterung
Douilles Torx à deux billes de retenue



3425 (2B)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E10	12	17.3	8.2	26	23	10
E12	14.5	17.3	9.3	26	25	10
E14	15.8	17.3	10.6	26	26	10
New **E16**	18.1	17	11.8	26	27	10
New **E18**	19.5	18.5	12	32	41	10
E20	21.9	20	14.4	32	52	10

RS3425/4 (2B)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3425/4(2B)	4 Pieces Set/Rail 150mm	(g)
E10, E12, E14, E20		150

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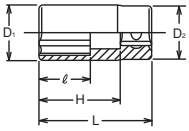
3/8”

3300X / 3300XA

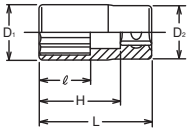
6-point Sockets, Semi-Deep
6-kant Steckschlüssel, mittel-lang
Douilles, semi-profondes 6-pans



3300X 3305X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	17.3	16	26.5	40	34	10
9	13	17.3	16	26.5	40	36	10
10	14.5	17.3	16	26.5	40	36	10
11	16	17.3	18	26.5	40	36	10
12	16.8	17.3	18	26.5	40	36	10
13	18	17	18	26.5	40	37	10
14	20	18	18	26.5	40	46	10
15	21	20	20	25.5	40	49	10
16	22	20	20	25.5	40	51	10
17	23.5	22	20	25.5	40	61	10
18	24.5	23	20	24.5	40	68	10
19	25	24	20	24.5	40	75	10

3305X / 3305XA

12-point Sockets, Semi-Deep
12-kant Steckschlüssel, mittel-lang
Douilles, semi-profondes 12-pans



3300XA 3305XA (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/4	10.3	17.3	16	26.5	40	32	10
5/16	12	17.3	16	26.5	40	34	10
3/8	13.9	17.3	16	26.5	40	36	10
7/16	16	17.2	18	26.5	40	36	10
1/2	18	17	18	26.5	40	37	10
9/16	20	18.5	18	26.5	40	46	10
5/8	22	20	20	25.5	40	51	10
11/16	24.5	22.5	20	24.5	40	68	10
3/4	25	23.5	20	24.5	40	75	10

RS3300X/8
RS3305X/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3300X/8	8 Pieces Set/Rail 200mm	(g)
8, 10, 11, 12, 13, 14, 17, 19		405

RS3305X/8	8 Pieces Set/Rail 200mm	(g)
8, 10, 11, 12, 13, 14, 17, 19		405

RS3300XA/9
RS3305XA/9

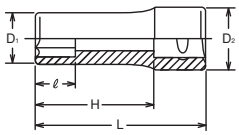
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3300XA/9	9 Pieces Set/Rail 200mm	(g)
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4		460

RS3305XA/9	9 Pieces Set/Rail 200mm	(g)
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4		460

3300M / 3300A

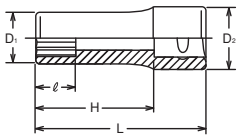
6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



	3300M 3305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	5.5	8.9	17.3	6.5	41.5	55	37	10
	6	9.9	17.3	7	41.5	55	37	10
	7	10.6	17.3	8	41.5	55	37	10
	8	12	17.3	9	41.5	55	40	10
	9	13	17.3	10	41.5	55	42	10
	10	14.5	17.3	11	41.5	55	46	10
	11	16	17.3	12	41.5	55	51	10
	12	16.8	17.2	13	41.5	55	52	10
	13	18	17	14	41.5	55	53	10
	14	20	18	16	41.5	55	60	10
	15	21	20	16	40.5	55	74	10
	16	22	20	17	40.5	55	76	10
	17	23.5	22	18	40.5	55	93	10
	18	24.5	23	19	39.5	55	98	10
	19	25	24	20	39.5	55	98	10
	20	26	25	21	49.5	65	126	10
	21	27	26	22	49.5	65	126	10
	22	29	28	23	48.5	65	163	10
	23	30	29	24	48.5	65	168	10
	24	31	30	25	47.5	65	191	10
New	25	33	30	26	47.5	65	199	10
New	26	34	31	27	47.5	65	209	10
	27	35	32.5	28	47.5	65	218	10

3305M / 3305A

12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues, 12-pans



3300A 3305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/4	9.9	17.3	7	41.5	55	37	10
5/16	12	17.3	9	41.5	55	40	10
11/32	12.3	17.3	10	41.5	55	41	10
3/8	14	17.3	11	41.5	55	46	10
7/16	16	17.3	12	41.5	55	51	10
1/2	18	17	14	41.5	55	53	10
9/16	20	18	16	41.5	55	60	10
19/32	21	20	16	40.5	55	74	10
5/8	22	20	17	40.5	55	76	10
11/16	23.5	22	18	40.5	55	93	10
3/4	25	24	20	39.5	55	98	10
13/16	27	26	22	49.5	65	126	10
7/8	29	28	23	48.5	65	163	10
15/16	31	30	25	47.5	65	191	10

RS3300M/12
RS3305M/12

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3300M/12	12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		878

RS3305M/12	12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		878

RS3300A/9
RS3305A/9

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

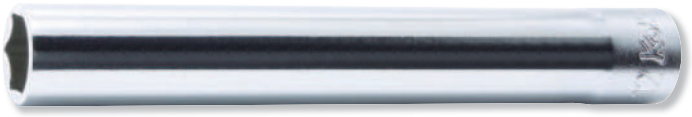
RS3300A/9	9 Pieces Set/Rail 200mm	(g)
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4		628

RS3305A/9	9 Pieces Set/Rail 200mm	(g)
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4		628

3/8”

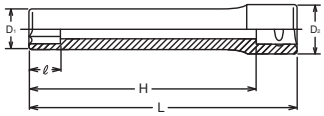
3300M (L120)

6-point Extra Deep Sockets
6-kant Steckschlüssel,extra lang
Douilles extra longues 6-pans



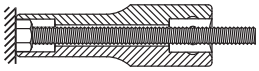
3305M (L120)

12-point Extra Deep Sockets
12-kant Steckschlüssel,extra lang
Douilles extra longues 12-pans

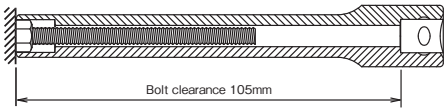


3300M(L120) 3305M(L120) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	17.3	9	106.5	120	85	10
10	14.5	17.3	11	106.5	120	110	10
12	16.8	17.2	13	106.5	120	116	10
13	18	17	14	106.5	120	155	5
14	20	18	16	106.5	120	166	5

3300M-Size DEEP SOCKET



3300M-Size (L120) EXTRA DEEP SOCKET



3300M/4-L120
3305M/4-L120

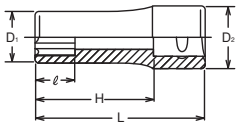
Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3300M/4-L120	4 Pieces Set/=477g
PLASTIC BAG	
Sockets	
3300M (L120) 6-point Extra Deep Sockets 8, 10, 12, 14	

3305M/4-L120	4 Pieces Set/=477g
PLASTIC BAG	
Sockets	
3305M (L120) 12-point Extra Deep Sockets 8, 10, 12, 14	

3310M

Surface Drive Deep Sockets
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



3310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
6	9.9	17.3	7	41.5	55	37	10
7	10.6	17.3	8	41.5	55	37	10
8	12	17.3	9	41.5	55	40	10
9	13	17.3	10	41.5	55	42	10
10	14.5	17.3	11	41.5	55	46	10
11	16	17.3	12	41.5	55	51	10
12	16.8	17.2	13	41.5	55	52	10
13	18	17	14	41.5	55	53	10
14	20	18	16	41.5	55	60	10
15	21	20	16	40.5	55	74	10
16	22	20	17	40.5	55	76	10
17	23.5	22	18	40.5	55	93	10
18	24.5	23	19	39.5	55	98	10
19	25	24	20	39.5	55	98	10
20	26	25	21	49.5	65	126	10
21	27	26	22	49.5	65	126	10
22	29	28	23	48.5	65	163	10
23	30	29	24	48.5	65	168	10
24	31	30	25	47.5	65	190	10

RS3310M/12

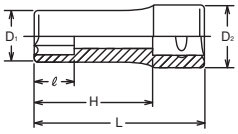
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3310M/12	12 Pieces Set/Rail 300mm	(g)
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		880

3/8”

3300W

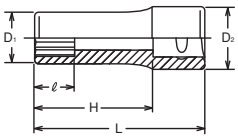
6-point Deep Whitworth Sockets
6-kant Steckschlüssel, lang, Whitworth
Douilles longues à 6-pans Whitworth



3300W 3305W (W)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/8	12.3	17.3	10	41.5	55	46	10
3/16	16	17.3	12	41.5	55	55	10
1/4	18	17	14	41.5	55	57	10
5/16	21	20	16	40.5	55	79	10
3/8	24.5	23	19	39.5	55	96	10
7/16	27	26	22	49.5	65	140	10
1/2	30	29	24	48.5	65	193	10
9/16	34	31	27	47.5	65	250	10

3305W

12-point Deep Whitworth Sockets
12-kant Steckschlüssel, Whitworth
Douilles longues à 12-pans Whitworth



BS W

BS • W	BS	3/16BS	1/4BS	5/16BS	3/8BS	7/16BS	1/2BS	9/16BS	5/8BS	11/16BS	3/4BS	7/8BS
	W	1/8W	3/16W	1/4W	5/16W	3/8W	7/16W	1/2W	9/16W	5/8W	11/16W	3/4W
Across Flat	(ref. mm)	8.64	11.30	13.34	15.24	18.03	20.83	23.37	25.65	27.94	30.48	33.02

RS3300W/7
RS3305W/7

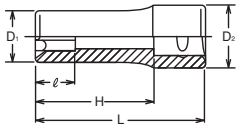
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3300W/7	7 Pieces Set/Rail 200mm	(g)
1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2		719

RS3305W/7	7 Pieces Set/Rail 200mm	(g)
1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2		719

3325

TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®



3325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 4	5.6	17.3	4.6	41.5	55	29	10
E 5	6.9	17.3	5.2	41.5	55	31	10
E 6	7.9	17.3	5.4	41.5	55	33	10
E 7	8.9	17.3	6.6	41.5	55	36	10
E 8	9.9	17.3	7	41.5	55	39	10
E10	11.8	17.3	8.2	41.5	55	43	10
E12	14.5	17.2	9.3	41.5	55	53	10
E14	15.7	17.2	10.6	41.5	55	57	10
E16	18	17	11.8	41.5	55	69	10

RS3325/9

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3325/9	9 Pieces Set/Rail 200mm	(g)
E4, E5, E6, E7, E8, E10, E12, E14, E16		420

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TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

3/8”

3350M

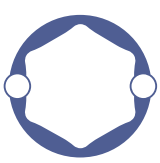
Nut Grip Deep Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung, lang
Douilles longues à billes de retenue

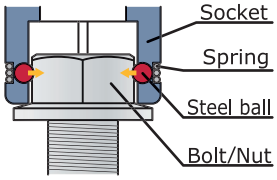
3350M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	17.3	5	41.5	55	50	10
10	14.5	17.3	6	41.5	55	54	10
12	16.8	17.3	7	41.5	55	58	10
13	18	17	8	41.5	55	59	10
14	19.5	18	8.5	41.5	55	71	10

RS3350M/5

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3350M/5	5 Pieces set/Rail 150mm	(g)
8, 10, 12, 13, 14		322





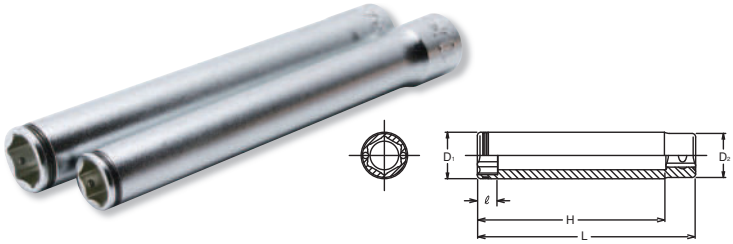
3350M (L120)

Nut Grip Deep Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung, lang
Douilles à billes de retenue

3350M(L120) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
10	14.5	17.3	6	106.5	120	110	10
12	16.8	17.3	7	106.5	120	116	10

3350M/2-L120

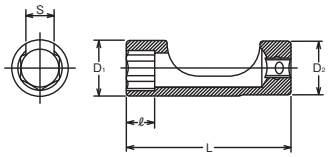
Socket Set
Steckschlüssel Satz
Jeu de clés à douille



3350M/2-L120	2 Pieces Set/⚖=230g
PLASTIC BAG	
Sockets	
3350M (L120) Nut Grip Extra Deep Sockets 10, 12	

3300FN

Flare Nut Sockets
Geschlitzte Steckschlüssel für Überwurfmuttern
Douilles à tuyauter



3300FN (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	S (mm)	(g)	(pcs.)
8	14.5	17.3	6	53	6.4	38	10
9	16	17.3	7	53	6.8	41	10
10	16.8	17.2	7.5	53	7.2	42	10
11	18	17	8.5	53	8.3	42	10
12	20	18	9	53	8.8	50	10
13	21.1	20	9.5	62	9.4	66	10
14	22	20	10.5	62	10.5	66	10
15	23	22	11	70	11.5	82	10
16	24	23	11.5	70	12	90	10
17	25	24	12.5	80	13	110	10
18	27	25	13	80	13.5	120	10
19	28	26	14	80	14.5	130	10

RS3300FN/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

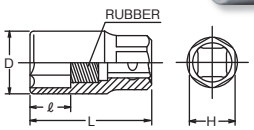
RS3300FN/8	8 Pieces Set/Rail 200mm	(g)
9, 10, 11, 13, 14, 16, 17, 19		600

3300S

Spark Plug Sockets with Rubber
Zündkerzen-Schlüssel mit Gummieinsatz
Douilles pour bougies avec caoutchouc

Spark Plug

3300S (mm)	D (mm)	ℓ (mm)	L (mm)	H (mm)	(g)	(pcs.)
16	20.9	19	70	17	100	10
18	23.9	21	70	21	145	10
20.8	26.9	27	70	22	140	10

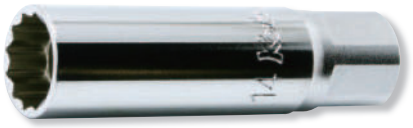


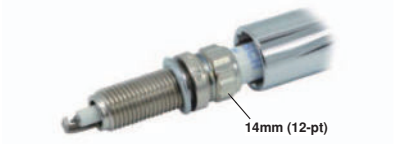
3305P

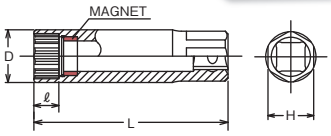
Spark Plug Socket with Magnet, 12-pt. opening
Zündkerzensteckschlüssel mit Magnet, 12-kant
Douille pour bougies, avec aimant, 12-pans

Spark Plug

3305P (mm)	D (mm)	ℓ (mm)	L (mm)	H (mm)	(g)	(pcs.)
14	19	8	70	17	87	10
New **16**	20.5	8	70	17	100	10





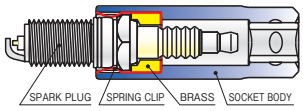


3300C

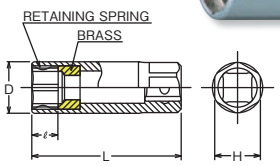
Spark Plug Sockets with Spring Clips
Zündkerzen-Schlüssel mit Haltefeder
Douilles avec ressorts de retenue pour bougies

Spark Plug

3300C (mm)	D (mm)	ℓ (mm)	L (mm)	H (mm)	(g)	(pcs.)
13	17.5	11	70	17	66	10
14	19	11	70	17	82	10
16	20.5	13	70	17	91	10
18	23.9	12	70	21	140	10
20.8	26.9	13.5	70	22	132	10



SPARK PLUG SOCKETS with SPRING CLIP



This revolutionary new spark plug socket is designed to securely grip a spark plug at its hexagonal part by two (2) stainless spring clips. The clips are held in place by an internal brass guide which ensures perfect alignment of the spark plug into the threaded plug hole of the cylinder head, thus preventing thread damage. The brass guide also eliminates stress loading and possible damage to the ceramic insulator of the spark plug.

Zwei solide Federn aus rostfreiem Stahl fassen den Sechskant der Zündkerze und drücken ihn an den Anschlag der Messing-Führungsbuchse. Jetzt sitzt die Kerze genau senkrecht zur Achse des Schlüssels. Das Einschrauben kann ohne Beschädigung der Gewindegänge im Motorblock und ohne Druck auf den Isolator der Kerze erfolgen.

Deux puissants ressorts en acier inoxydables maintiennent la bougie sur sa partie hexagonale tout en applicant contre la douille de guidage en laiton. L'allignement parfait de la bougie dans l'axe de l'outil permet à l'opérateur de poser celle-ci avec beaucoup de précision en réduisant au maximum les risques d'endommagement au filetage du bloc moteur ainsi qu'à la partie en céramique de la bougie.

3300C/3

Spark Plug Sockets in Plastic Box
Zündkerzensteckschlüssel in Plastikkassette
Douilles avec ressort de retenue pour bougies en boîte plastique

Spark Plug

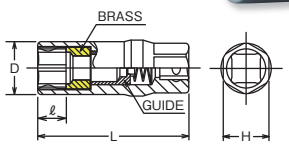
3300C/3	3 Pieces set	(g)
	16, 18, 20.8	373

3300CB

Spark Plug Socket (BMW)
Zündkerzen-Schlüssel (BMW)
Douille pour bougies (BMW)

Spark Plug

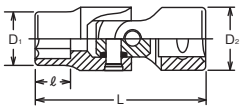
3300CB (mm)	D (mm)	ℓ (mm)	L (mm)	H (mm)	(g)	(pcs.)
16	22.8	13	65	19	118	10



3/8”

3440M / 3440A

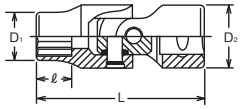
6-point Universal Sockets
6-kant Gelenk-Einsätze
Douilles articulées, 6-pans



3440M 3445M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	19	7.3	47	50	10
9	13.3	19	7.8	47.5	50	10
10	14.5	19	8.8	48.5	64	10
11	15.8	19	9.8	49.5	66	10
12	17	19	10.3	50	67	10
13	18.3	19	11.3	51	68	10
14	19.5	19	11.3	51	69	10
15	20.8	19	12.8	53.5	70	10
16	22	19	12.8	53.5	77	10
17	23.3	19	13.8	54.5	80	10
18	24.5	19	13.8	54.5	80	10
19	25.8	19	15.8	56.5	84	10
21	28.3	19	16.8	56.5	96	10

3445M / 3445A

12-point Universal Sockets
12-kant Gelenk-Einsätze
Douilles articulées, 12-pans



3440A 3445A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/16	12	19	7.3	47	50	10
3/8	14	19	8.3	48	64	10
7/16	15.8	19	9.8	49.5	66	10
1/2	18.3	19	11.3	51	68	10
9/16	19.5	19	11.3	51	69	10
5/8	22	19	12.8	53.5	77	10
11/16	24.5	19	13.8	54.5	80	10
3/4	25.8	19	15.8	56.5	84	10

RS3440M/8
RS3440A/8

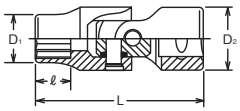
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3440M/8	8 Pieces Set/Rail 200mm	(g)
	8, 10, 11, 12, 13, 14, 17, 19	550

RS3440A/8	8 Pieces Set/Rail 200mm	(g)
	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	570

3445W

12-Point Whitworth Universal Socket
12-kant Gelenk-Einsatz, Whitworth
Douille articulées, 12-pans, Whitworth



	3445W (W)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**1/8**	13.3	19	7.8	47.5	50	10
New	**3/16**	15.8	19	9.7	49.5	66	10
New	**1/4**	18.3	19	11.3	51	68	10
New	**5/16**	20.8	19	12.8	53.5	70	10
New	**3/8**	24.5	19	13.8	54.5	80	10
New	**7/16**	28.3	19	16.8	57.5	96	10
New	**1/2**	30.8	19	17.8	58.5	105	10

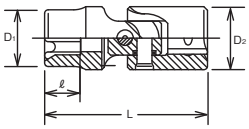
RS3445W/7

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

	RS3445W/7	7 Pieces Set/Rail 200mm	(g)
New		**1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2**	570

3440T

TORX® Universal Sockets
TORX® Gelenk-Einsätze
Douilles articulées TORX®



3440T (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 6	7.9	19	5.4	44.5	60	10
E 8	9.9	19	7	46	63	10
E10	11.8	19	8.2	47	63	10
E12	14.5	19	9.3	48.5	68	10
E14	15.7	19	10.6	49	68	10
E16	18	19	11.8	50	70	10
E18	19.5	19	13	53	78	10
E20	22	19	14.4	54	81	10

RS3440T/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3440T/8	8 Pieces Set/Rail 200mm	(g)
	E6, E8, E10, E12, E14, E16, E18, E20	594

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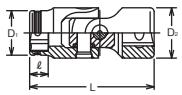
3441M

Nut Grip Universal Sockets **Nut Grip®**
Gelenk-Einsätze mit zweifacher Kugelhalterung
Douilles articulées, à billes de retenue

3441M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	19	5	46	57	10
10	14.5	19	6	46	58	10
12	16.8	19	7	47	58	10
13	18	19	8	48	60	10
14	19.5	19	8.5	49.5	65	10



RS3441M/5

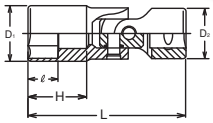
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3441M/5	5 Pieces Set/Rail 150mm	(g)
8, 10, 12, 13, 14		320

3340M-75

Universal Deep Sockets
Gelenk-Steckschlüssel, lange Ausführung
Douilles articulées longues

3340M-75 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	19	9	39	75	82	10
10	14.5	19	11	39	75	87	10
11	15.8	19	12	39	75	87	10
12	17	19	13	39	75	92	10
13	18.3	19	14	36	75	93	10
14	19.5	19	15	35	75	103	10
15	20.8	19	16	35	75	104	10
16	22	19	17	34	75	110	10
17	23.3	19	18	34	75	115	10
18	24.5	19	19	34	75	119	10
19	25.8	19	20	33	75	123	10



RS3340M/8-L75

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

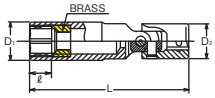
RS3340M/8-L75	8 Pieces Set/Rail 200mm	(g)
8, 10, 11, 12, 13, 14, 17, 19		810

3340C

Universal Spark Plug Sockets with Spring Clips
Gelenk-Zündkerzenschlüssel mit Haltefeder
Douilles articulées avec ressort de retenue pour bougies

Spark Plug

3340C (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	19	19	11	88	109	10
16	21	19	13	88	122	10
20.8	26.8	19	13.5	88	174	10



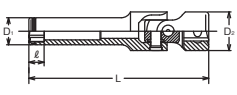
3341G-70
3341G-89

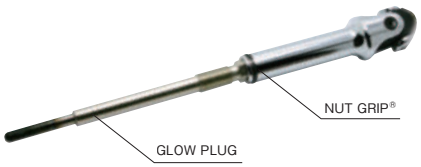
Universal Glow Plug Sockets with NUT GRIP®
Glühkerzen-Steckschlüssel mit NUT GRIP Halterung
Douilles articulées pour bougies de préchauffement NUT GRIP

Glow Plug

3341G-70 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10	14.5	19	6	70	76	10
11	15.8	19	6	70	80	10
12	17	19	6	70	85	10

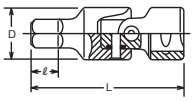
3341G-89 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	19	7.5	89	82	10
9	13.3	19	7.5	89	87	10
10	14.5	19	6	89	92	10





3430M

Universal Hex Sockets
Gelenk-Einsätze für Schrauben mit Innensechskant
Douilles articulées, 6-pans mâle



3430M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5	19	15.5	62	66	10
6	19	15.5	62	70	10
7	19	15.5	62	72	10
8	19	15.5	62	74	10
10	19	15.5	62	78	10
12	19	15.5	62	85	10

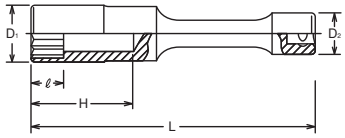
RS3430M/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3430M/6	6 Pieces Set/Rail 150mm	(g)
	5, 6, 7, 8, 10, 12	470

3117M-125/-250

Extended Sockets
Schaftsteckschlüssel
Douilles rallongées

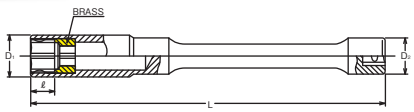


3117M-125 (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)
10	14.5	18	10	44	125	121	1
11	16	18	11	44	125	133	1
12	17	18	12	44	125	133	1
13	18	18	13	44	125	134	1
14	19.5	18	14	44	125	145	1
17	23.5	18	17	44	125	178	1
19	25	18	19	44	125	187	1
21	27	18	21	44	125	195	1
22	29	18	22	44	125	214	1

3117M-250 (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)
10	14.5	18	10	44	250	233	1
11	16	18	11	44	250	241	1
12	17	18	12	44	250	246	1
13	18	18	13	44	250	249	1
14	19.5	18	14	44	250	262	1
17	23.5	18	17	44	250	289	1
19	25	18	19	44	250	298	1
21	27	18	21	44	250	302	1
22	29	18	22	44	250	325	1

3300C-180/-250

Spark Plug Sockets with Spring Clips
Zündkerzen-Schlüssel mit Haltefedern
Douilles avec ressorts de retenue pour bougies

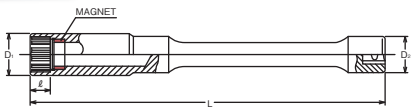


3300C-180 (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	19	18	11	180	205	5
16	20.5	18	13	180	220	5
20.8	26.9	18	13.5	180	260	5

3300C-250 (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	19	18	11	250	271	5
16	20.5	18	13	250	290	5
20.8	26.9	18	13.5	250	340	5

3305P-250

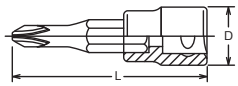
Spark Plug Socket with Magnet, 12pt. opening
Zündkerzensteckschlüssel mit Magnet, 12-kant
Douilles pour bougies, avec aimant, 12-pans



3305P-250 (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	19	18	8	250	250	5

3000-60 (PH)

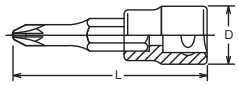
Phillips Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben, Phillips
Douilles tournevis pour vis à empreinte Phillips



3000 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	18	60	49	10
2	18	60	49	10
3	18	60	49	10
4	18	60	50	10

3000-50 (PZ)

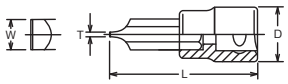
PZ Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben,PZ
Douilles tournevis pour vis à empreinte PZ



3000-50 (PZ)	D (mm)	L (mm)	(g)	(pcs.)
PZ1	18	50	50	10
PZ2	18	50	50	10
PZ3	18	50	50	10

3005-60

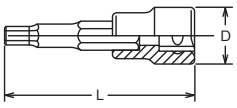
Bit Sockets for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



3005	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
5	1.0× 5.5	18	60	47	10
8	1.2× 8	18	60	49	10
10	1.6×10	20	60	85	10

3010M-38/-62/-100/-160

Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



3010M-38 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	38	27	10
4	18	38	28	10
5	18	38	30	10
6	18	38	31	10
7	18	38	32	10
8	18	38	33	10
New **9**	20	38	47	10
10	20	38	48	10
11	20	38	55	10
12	20	38	60	10
13	22	38	76	10
14	22	38	78	10

3010M-62 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	62	43	10
4	18	62	45	10
5	18	62	48	10
6	18	62	49	10
7	18	62	50	10
8	18	62	52	10
New **9**	20	62	75	10
10	20	62	76	10
11	20	62	85	10
12	20	62	94	10
13	22	62	107	10
14	22	62	109	10

3010M-100 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	100	58	10
4	18	100	60	10
5	18	100	63	10
6	18	100	64	10
7	18	100	66	10
8	18	100	69	10
New **9**	20	100	100	10
10	20	100	102	10
11	20	100	116	10
12	20	100	131	10
13	22	100	158	10
14	22	100	160	10

3010M-160 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	160	84	10
4	18	160	86	10
5	18	160	89	10
6	18	160	90	10
7	18	160	92	10
8	18	160	95	10
New **9**	20	160	125	10
10	20	160	128	10
New **11**	20	160	153	10
12	20	160	157	10
13	22	160	237	10
14	22	160	239	10

RS3010M/8-L38/-L62/-L100

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

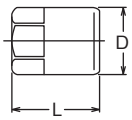
RS3010M/8-L38	8 Pieces Set/Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		322

RS3010M/8-L62	8 Pieces Set/Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		490

RS3010M/8-L100	8 Pieces Set/Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		645

3012M-25

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux

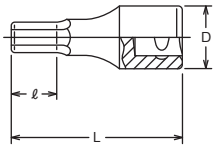


3012M-25 (mm)	D (mm)	L (mm)	(g)	(pcs.)
14	19	25	30	10
17	19	25	30	10

For Lubrication Service
Schmierdienst-Werkzeuge
Service lubrification-vidange

3012M-52/-62/-75
3012A -52/-62/-75

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



3012M/A are for hand use only.
Do not use with a power or impact wrench.
Bitte nicht auf Schlagschrauber oder anderen Maschinen gebrauchen.
À ne pas utiliser sur des machines

3012M-52 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3	18	10	52	35	10
4	18	15.5	52	38	10
5	18	15.5	52	40	10
6	18	15.5	52	42	10
7	18	15.5	52	46	10
8	18.5	15.5	52	50	10
9	18.5	15.5	52	55	10
10	20	15.5	52	66	10
11	20	15.5	52	72	10
12	20	15.5	52	77	10
13	20	15.5	52	82	10
14	20	15.5	52	89	10

3012A-52 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/8	18	10	52	35	10
5/32	18	15.5	52	38	10
3/16	18	15.5	52	40	10
7/32	18	15.5	52	42	10
1/4	18	15.5	52	44	10
9/32	18	15.5	52	46	10
5/16	18.5	15.5	52	50	10
11/32	18.5	15.5	52	55	10
3/8	20	15.5	52	65	10
7/16	20	15.5	52	72	10
1/2	20	15.5	52	82	10
9/16	20	15.5	52	89	10

3012M-62 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3	18	10	62	38	10
4	18	15.5	62	40	10
5	18	15.5	62	43	10
6	18	15.5	62	46	10
7	18	15.5	62	53	10
8	18.5	15.5	62	58	10
9	18.5	15.5	62	63	10
10	20	15.5	62	77	10
11	20	15.5	62	83	10
12	20	15.5	62	90	10
13	20	15.5	62	95	10
14	20	15.5	62	109	10

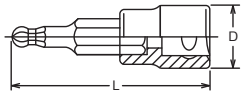
3012A-62 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/8	18	10	62	38	10
5/32	18	15.5	62	40	10
3/16	18	15.5	62	43	10
7/32	18	15.5	62	46	10
1/4	18	15.5	62	48	10
9/32	18	15.5	62	53	10
5/16	18.5	15.5	62	58	10
11/32	18.5	15.5	62	63	10
3/8	20	15.5	62	73	10
7/16	20	15.5	62	83	10
1/2	20	15.5	62	95	10
9/16	20	15.5	62	109	10

3012M-75 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3	18	10	75	41	10
4	18	15.5	75	43	10
5	18	15.5	75	48	10
6	18	15.5	75	53	10
7	18	15.5	75	67	10
8	18.5	15.5	75	72	10
9	18.5	15.5	75	92	10
10	20	15.5	75	114	10
11	20	15.5	75	120	10
12	20	15.5	75	127	10
13	20	15.5	75	132	10
14	20	15.5	75	146	10

3012A-75 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/8	18	10	75	41	10
5/32	18	15.5	75	43	10
3/16	18	15.5	75	48	10
7/32	18	15.5	75	53	10
1/4	18	15.5	75	67	10
9/32	18	15.5	75	67	10
5/16	18.5	15.5	75	72	10
11/32	18.5	15.5	75	92	10
3/8	20	15.5	75	110	10
7/16	20	15.5	75	120	10
1/2	20	15.5	75	132	10
9/16	20	15.5	75	146	10

3011M-62/-100/-120/-160

Ballpoint Inhex Sockets
Steckschlüssel mit Kugelkopf, für Innensechskant-Schrauben
Douilles tournevis avec tête sphérique pour vis 6-pans creux



3011M-62 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	62	45	10
4	18	62	46	10
5	18	62	48	10
6	18	62	49	10
7	18	62	50	10
8	18	62	51	10

3011M-100 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	100	61	10
4	18	100	62	10
5	18	100	64	10
6	18	100	65	10
7	18	100	67	10
8	18	100	68	10

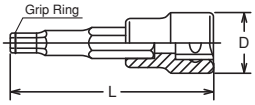
3011M-120 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	120	77	10
4	18	120	78	10
5	18	120	80	10
6	18	120	81	10
7	18	120	83	10
8	18	120	84	10

3011M-160 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	160	87	10
4	18	160	88	10
5	18	160	89	10
6	18	160	91	10
7	18	160	93	10
8	18	160	95	10

Ball point bit sockets have less strength due to the special design. Make sure to use them correctly.

3015M-62/-100

Inhex Bit Socket, **Grip Ring**
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



3015M-62 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	62	43	10
4	18	62	45	10
5	18	62	50	10
6	18	62	50	10
7	18	62	50	10
8	18	62	62	10
10	20	62	75	10
12	20	62	95	10

3015M-100 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	100	60	10
4	18	100	60	10
5	18	100	65	10
6	18	100	65	10
7	18	100	70	10
8	18	100	70	10
10	20	100	105	10
12	20	100	135	10

Grip Ring holds hex screws

3015M has less strength due to the special design.
Make sure to use them correctly.

RS3015M/8-L62
RS3015M/8-L100

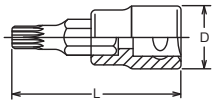
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3015M/8-L62	8 Pieces Set/Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		500

RS3015M/8-L100	8 Pieces Set/Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		650

3020-38/-50/-100/-120

XZN Bit Sockets
Steckschlüssel für XZN Schrauben
Douilles tournevis pour empreinte XZN



3020-38 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
M 5	18	38	32	10
M 6	18	38	33	10
M 8	18	38	36	10
M10	20	38	51	10
M12	20	38	52	10
M14	22	38	74	10

3020-50 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
M 4	18	50	35	10
M 5	18	50	37	10
M 6	18	50	39	10
M 8	18	50	40	10
M10	20	50	65	10
M12	20	50	69	10
M14	22	50	75	10

3020-100 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
M 4	18	100	57	10
M 5	18	100	59	10
M 6	18	100	61	10
M 8	18	100	62	10
M10	20	100	99	10
M12	20	100	103	10
M14	22	100	145	10

3020-120 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
M 4	18	120	77	10
M 5	18	120	79	10
M 6	18	120	81	10
M 8	18	120	82	10
M10	20	120	119	10
M12	20	120	123	10
M14	22	120	165	10

XZN

XZN		M4	M5	M6	M8	M10	M12	M14	M16	M18
S	(ref. mm)	3.60	4.80	6.00	7.20	9.60	11.41	13.22	15.63	16.85

RS3020/6-L38

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3020/6-L38	6 Pieces Set/Rail 150mm	(g)
	M5, M6, M8, M10, M12, M14	308

RS3020/7-L50

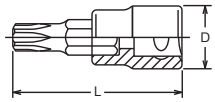
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3020/7-L50	7 Pieces Set/Rail 200mm	(g)
	M4, M5, M6, M8, M10, M12, M14	400

3/8”

3025-38/-50/-140 (T)

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®

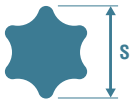


3025-38 (T)	D (mm)	L (mm)	(g)	(pcs.)
T 9	18	38	32	10
T10	18	38	32	10
T15	18	38	33	10
T20	18	38	33	10
T25	18	38	33	10
T27	18	38	33	10
T30	18	38	33	10
T40	18	38	34	10
T45	18	38	37	10
T50	20	38	49	10
T55	20	38	57	10

3025-50 (T)	D (mm)	L (mm)	(g)	(pcs.)
T 9	18	50	36	10
T10	18	50	36	10
T15	18	50	36	10
T20	18	50	36	10
T25	18	50	37	10
T27	18	50	37	10
T30	18	50	38	10
T40	18	50	39	10
T45	18	50	41	10
T50	20	50	55	10
T55	20	50	67	10

3025-140 (T)	D (mm)	L (mm)	(g)	(pcs.)
T 9	18	140	75	10
T10	18	140	75	10
T15	18	140	75	10
T20	18	140	75	10
T25	18	140	76	10
T27	18	140	76	10
T30	18	140	77	10
T40	18	140	78	10
T45	18	140	80	10
T50	20	140	94	10
T55	20	140	106	10

TORX® (T)



T		T8	T9	T10	T15	T20	T25	T27	T30	T40	T45	T50	T55	T60	T70	T80	T90	T100
S	(ref. mm)	2.30	2.48	2.72	3.26	3.84	4.40	4.96	5.49	6.60	7.77	8.79	11.17	13.20	15.49	17.51	19.88	22.09

RS3025/8-L38/-L50 (T)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3025/8-L38	8 Pieces Set/Rail 200mm	(g)
T10, T15, T20, T25, T27, T30, T40, T45		300

RS3025/8-L50	8 Pieces Set/Rail 200mm	(g)
T10, T15, T20, T25, T27, T30, T40, T45		320

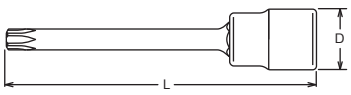
3025-50-T35

Bit Socket
Bit-Steckschlüssel
Douilles tournevis

3025.50 (T)	D (mm)	L (mm)	(g)	(pcs.)
New T35	18	50	39	10

3025-100R (T)

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis, TORX®



3025-100R (T)	D (mm)	L (mm)	(g)	(pcs.)
T20	18	100	38	10
T25	18	100	40	10
T27	18	100	42	10
T30	18	100	45	10
T40	18	100	52	10
T45	18	100	73	10
T50	20	100	80	10
T55	20	100	106	10

RS3025/8-L100R

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3025/8-L100R	8 Pieces Set/Rail 200mm	(g)
T20, T25, T27, T30, T40, T45, T50, T55		490

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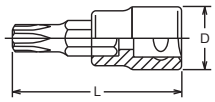
3025-50/-160 (TH)

Tamper-Resistant TORX® Bit Sockets
Tamper-Resistant TORX® Bit-Steckschlüssel
Douilles tournevis, Tamper-Resistant TORX®



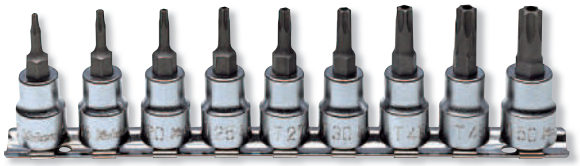
Tamper Resistant TORX® Bit Sockets have less strength due to special design. Make sure to use it correctly.

3025-50 (TH)	D (mm)	L (mm)	(g)	(pcs.)
T10H	18	50	37	10
T15H	18	50	38	10
T20H	18	50	38	10
T25H	18	50	38	10
T27H	18	50	38	10
T30H	18	50	39	10
T40H	18	50	40	10
T45H	18	50	41	10
T50H	20	50	61	10
T55H	20	50	61	10

3025-160 (TH)	D (mm)	L (mm)	(g)	(pcs.)
T25H	18	160	83	10
T27H	18	160	83	10
T30H	18	160	84	10
T40H	18	160	85	10
T45H	18	160	86	10
T50H	20	160	128	10
T55H	20	160	128	10

RS3025/9-L50 (TH)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail



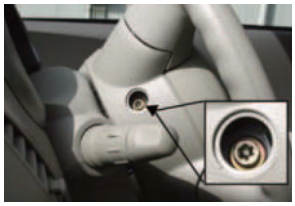
RS3025/9-L50 (TH)	9 Pieces Set/Rail 200mm	(g)
T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H		405

3247

Bit Socket Set
Schraubendreher-Steckschlüssel Satz
Jeu de douilles de vissage

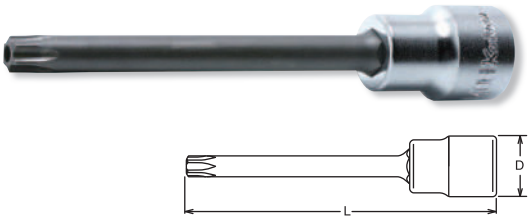
3247	4 Pieces Set/⚖=385g
PLASTIC BAG	
Sockets	
3025.160 Tamper-Resistant TORX® Bit Sockets T27H, T30H, T40H, T50H	

For Air-bag Service



3025-100R (TH)

Tamper-Resistant TORX® Bit Sockets
Tamper-Resistant TORX® Bit-Steckschlüssel
Douilles tournevis, Tamper-Resistant TORX®



3025-100R (TH)	D (mm)	L (mm)	(g)	(pcs.)
T20H	18	100	38	10
T25H	18	100	40	10
T27H	18	100	42	10
T30H	18	100	45	10
T40H	18	100	52	10
T45H	18	100	73	10
T50H	20	100	80	10
T55H	20	100	106	10

RS3025/8-L100RH

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3025/8-L100RH	8 Pieces Set/Rail 200mm	(g)
T20H, T25H, T27H, T30H, T40H, T45H, T50H, T55H		490

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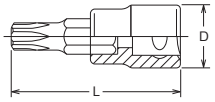
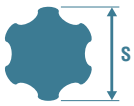
3025-50 (IP)

TORX PLUS® Bit Sockets
TORX PLUS® Bit-Steckschlüssel
Douilles tournevis,TORX PLUS®

3025-50 (IP)	D (mm)	L (mm)	(g)	(pcs.)
10IP	18	50	38	10
15IP	18	50	38	10
20IP	18	50	38	10
25IP	18	50	38	10
27IP	18	50	40	10
30IP	18	50	40	10
40IP	18	50	41	10
45IP	18	50	41	10
50IP	20	50	61	10
55IP	20	50	61	10



TORX Plus® (IP)



IP		8IP	9IP	10IP	15IP	20IP	25IP	27IP	30IP	40IP	45IP	50IP	55IP	60IP	70IP
S	(ref. mm)	2.29	2.48	2.72	3.25	3.84	4.39	4.95	5.49	6.60	7.77	8.79	11.16	13.20	15.49

RS3025/8 (IP)

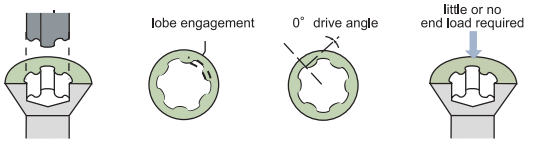
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

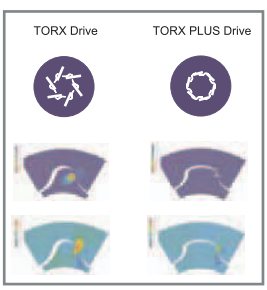
RS3025/8 (IP) 8 Pieces Set/Rail 200mm	(g)
20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP	354

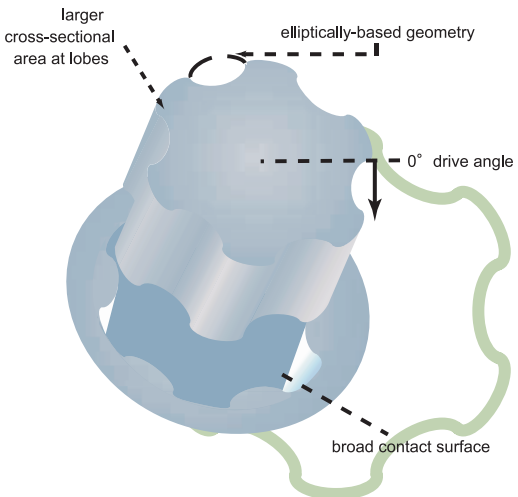
RSX025/11 (IP)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RSX025/11 (IP) 11 Pieces Set/Rail 200mm			(g)
2025.28(IP)	1/4"	**10IP, 15IP, 20IP, 25IP, 27IP**	480
3025.50(IP)	3/8"	**30IP, 40IP, 45IP, 50IP**	
4025.60(IP)	1/2"	**55IP, 60IP**	







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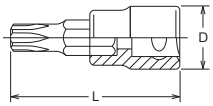
3/8”

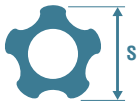
3025-50 (PR)

Penta-Lobe Bit Sockets, with hole
5 Stern, mit Stirnbohrung
Empreinte penta avec trou



3025-50 (PR)	D (mm)	L (mm)	(g)	(pcs.)
10PR	18	50	38	10
15PR	18	50	38	10
20PR	18	50	38	10
25PR	18	50	38	10
27PR	18	50	40	10
30PR	18	50	40	10
40PR	18	50	41	10
45PR	18	50	41	10
50PR	20	50	61	10
55PR	20	50	61	10

Penta-Lobe (PR)



PR		8PR	9PR	10PR	15PR	20PR	25PR	27PR	30PR	40PR	45PR	50PR	55PR
S	(ref. mm)	2.19	2.36	2.58	3.10	3.64	4.12	4.71	5.23	6.30	7.38	8.35	10.63

RS3025/9 (PR)

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3025/9 (PR)	9 Pieces Set/Rail 200mm	(g)
10PR, 15PR, 20PR, 25PR, 27PR, 30PR, 40PR, 45PR, 50PR		395

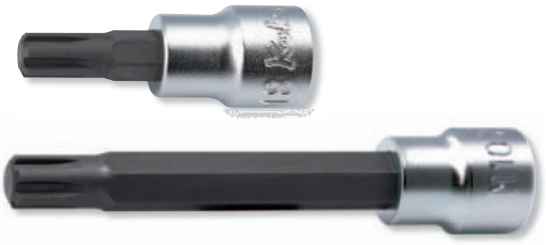
RSX025/11 (PR)

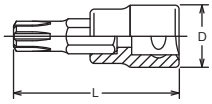
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RSX025/11 (PR)		11 Pieces Set/Rail 200mm	(g)
2025.28(IP)	1/4"	**8PR, 10PR, 15PR, 20PR, 25PR, 27PR, 30PR**	320
3025.50(IP)	3/8"	**40PR, 45PR, 50PR, 55PR**	

3027-50/-100

Bit Sockets for Ribe Screws
Steckschlüsselklingen für Ribe Schrauben
Douilles tournevis pour écrous profil Ribe

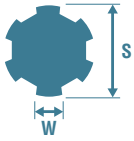




3027-50	D (mm)	L (mm)	(g)	(pcs.)
M 5	18	50	38	10
M 6	18	50	38	10
M 7	18	50	38	10
M 8	18	50	39	10
M 9	20	50	60	10
M10	20	50	60	10
M12	20	50	61	10

3027-100	D (mm)	L (mm)	(g)	(pcs.)
M 5	18	100	48	10
M 6	18	100	49	10
M 8	18	100	62	10
M10	20	100	91	10
M12	20	100	146	10

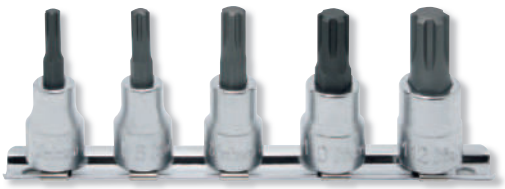
Ribe CV



CV		M5	M6	M7	M8	M9	M10	M12	M13	M14	M16
S	(ref. mm)	5	6	7	8	9	10	12	13	14	16
W	(ref. mm)	1.1	1.3	1.4	1.7	1.9	2.2	2.6	3.0	3.1	3.5

RS3027/5-L50

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail



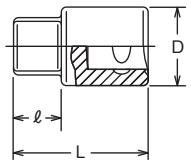
RS3027/5-L50	5 Pieces Set/Rail 150mm	(g)
M5, M6, M8, M10, M12		240

3110M / 3110A

4-point Male Sockets
Öldienst-Steckschlüssel
Douilles mâles 4-pans

3110M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6	18	10	28	30	10
8	18	10	28	30	10
10	18	10	28	33	10
12	18	10	28	37	10

3110A (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/16	18	10	28	30	10
3/8	18	10	28	33	10
1/2	18	10	28	37	10



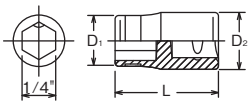
3137

Bit Holder
Klingenhalter
Porte-embouts

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
3137	13	16.5	30	30	10

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts

D6.3



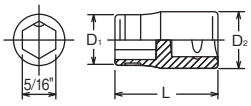
3138

Bit Holder
Klingenhalter
Porte-embouts

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
3138	16	18	38	55	10

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts

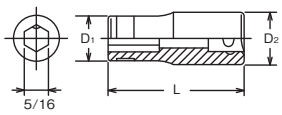
D8



3141

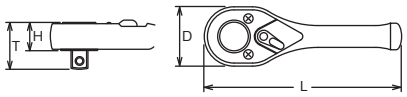
Bit Holder, extra deep for 131P-80, 131S-80, 131T-80
Klingenhalter, extra tief für 131P-80, 131S-80, 131T-80
Porte-embouts, ouverture longue pour 131P-80, 131S-80, 131T-80

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
3141	16	18	48	60	10



2749PS-3/8

Reversible Ratchet (Short)
Knarre kurz, verstellbar
Cliquet cout, réversible



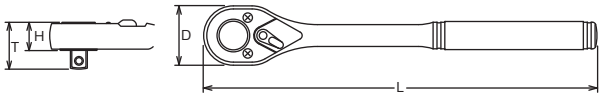
S.Q.D.H.-System 24

* Renewal Kits → 2749RK-3/8 ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2749PS-3/8	25	21.9	11.2	75	70	10

2749P-3/8

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



S.Q.D.H.-System 24

* Renewal Kits → 2749RK-3/8 ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2749P-3/8	25	21.9	11.2	125	101	10

⚠ 2749-3/8 series have less strength compared with normal 3/8” ratchet due to the technical design. Make sure to use the ratchet correctly.

3749S

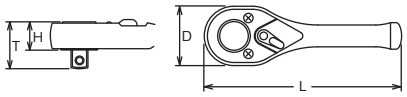
Reversible Ratchet (Short)
Knarre kurz, verstellbar
Cliquet courte, réversible

S.Q.D.H.-System Two-Step Dog 24

* Renewal Kits → 3749RK ➡P266

3749SB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage



S.Q.D.H.-System Two-Step Dog 24 Quick Release

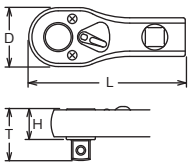
* Renewal Kits → 3749BRK ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3749S	34	24.8	14.1	110	183	5
3749SB	34	24.8	14.1	110	183	5

⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

3753SM

Multi Purpose Ratchet, reversible
Knarre mir 2 Vierkantöffnungen, umstellbar
Cliquet réversible deux carrés femelles, réversibles



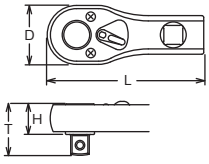
S.Q.D.H.-System Two-Step Dog 24

* Renewal Kits → 3753RK ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3753SM	30.5	26.4	15.7	81	175	5

3753SMB

Multi Purpose Ratchet, reversible, with quick release button
Knarre mit 2 Vierkantöffnungen, mit Verriegelungsknopf, umstellbar
Cliquet réversible deux carrés, avec bouton de débrayage



S.Q.D.H.-System Two-Step Dog 24 Quick Release

* Renewal Kits → 3753BRK ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3753SMB	30.5	26.4	15.7	81	175	5

[L/R Marking]

L/R Marking 45

* Renewal Kits → 3752RK ➡P266

A pointer and L/R markings on the ratchet head Indicate the turning direction.
The reduced diameter of the head allows easier access in tight spots.

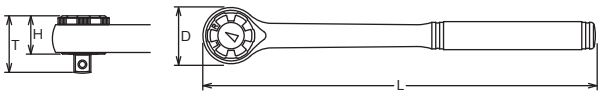
Eine L/R Markierung auf dem Knarrenkopf zeigt die gerade eingestellte Drehrichtung an. Der geringe Kopfdurchmesser erleichtert das Arbeiten auch an schwer zugänglichen Stellen.

Un marquage L/R sur la tête de cliquet indique le sens de rotation.
Le diamètre de tête réduit facilite le travail dans les endroits difficilement accessibles.

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3752J	33	34.3	23.9	200	310	1

3752J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



S.O.D.H-System 2 Two-Step Dog 24

* Renewal Kits → 3753RK ➡P266

3753J

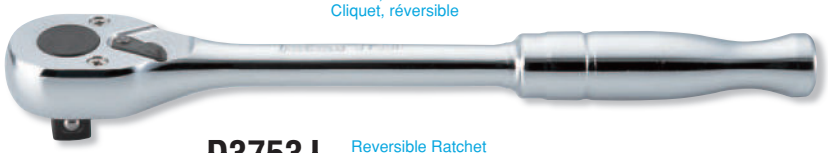
Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H-System 2 Two-Step Dog 24

* Renewal Kits → 3753RK ➡P266

3753P

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

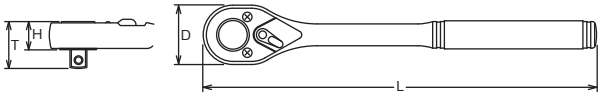


S.O.D.H-System 2 Two-Step Dog 24

D3753J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3753J	30.5	26.4	15.7	200	260	1
3753P	30.5	26.4	15.7	200	286	1
D3753J	30.5	26.4	15.7	200	260	1



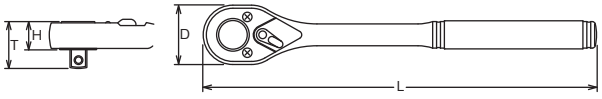
S.O.D.H-System 2 Two-Step Dog 24

* Renewal Kits → 3753RK ➡P266

3753P-250

Reversible Ratchet (Long)
Verstellbare Knarre, lang
Cliquet réversible, longue

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3753P-250	30.5	26.4	15.7	250	335	1



S.O.D.H-System 2 Two-Step Dog 24 push Quick Release

* Renewal Kits → 3753BRK ➡P266

3753JB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

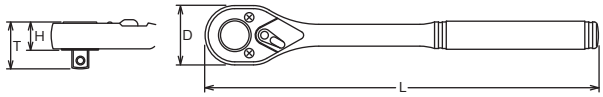
S.O.D.H-System 2 Two-Step Dog 24 push Quick Release

* Renewal Kits → 3753BRK ➡P266

3753PB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3753JB	30.5	26.4	15.7	200	260	1
3753PB	30.5	26.4	15.7	200	286	1



⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

2774JS-3/8

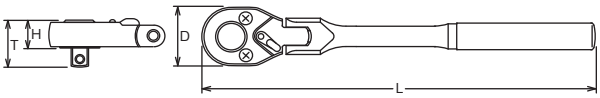
Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 2749RK-3/8 ➡P266

2774PS-3/8

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 2749RK-3/8 ➡P266



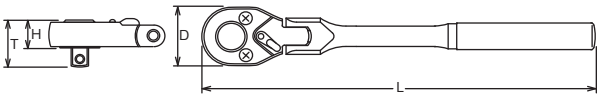
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
2774JS-3/8	25	21.9	11.2	120	113	5
2774PS-3/8	25	21.9	11.2	120	133	5

⚠ 2774-3/8 series have less strength compared with normal 3/8" ratchet due to the technical design. Make sure to use the ratchet correctly.

3774PS

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 3753RK ➡P266



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3774PS	30.5	26.4	15.7	175	250	2

3774J

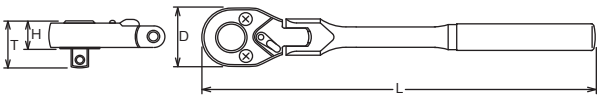
Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 3753RK ➡P266

3774P

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

* Renewal Kits → 3753RK ➡P266



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3774J	30.5	26.4	15.7	285	367	1
3774P	30.5	26.4	15.7	265	378	2

3774JB

Flexible Ratchet, reversible with quick release button
Gelenk-Knarre, verstellbar mit Verriegelungsknopf
Cliquet, articulée, réversible avec bouton de débrayage

S.O.D.H.-System | Two-Step Dog | 24 | Quick Release | Flexible Head | OVAL Shank

* Renewal Kits → **3753BRK** ➡P266

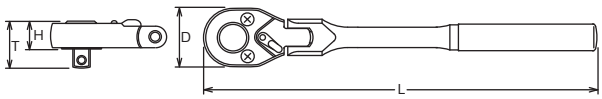
3774PB

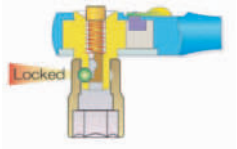
Flexible Ratchet, reversible with quick release button
Gelenk-Knarre, verstellbar mit Verriegelungsknopf
Cliquet, articulée, réversible avec bouton de débrayage

S.O.D.H.-System | Two-Step Dog | 24 | Quick Release | Flexible Head | OVAL Shank

* Renewal Kits → **3753BRK** ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3774JB	30.5	26.4	15.7	285	367	1
3774PB	30.5	26.4	15.7	265	373	2





Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked. By pushing the button the sockets or extension bars are released from the ratchet.

Umstellbare Knarre mit Verriegelungsknopf :
Steckschlüssel und Zubehörteile werden sicher und fest gehalten. Bei Drücken des Knopfes lösen sich die Teile.

Cliquet réversible à verrouillage :
Les douilles et accessoires ne peuvent plus tomber. Une pression du pouce sur le bouton suffit pour les libérer.

⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

3774JL

Flex-Head Ratchet with Head Lock Button
Gelenk-Knarre, mit feststellbarem Gelenk
Cliquet à tête articulée avec bouton de blocage

S.O.D.H.-System | Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → **3753RK** ➡P266

3774PL

Flex-Head Ratchet with Head Lock Button
Gelenk-Knarre, mit feststellbarem Gelenk
Cliquet à tête articulée avec bouton de blocage

S.O.D.H.-System | Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → **3753RK** ➡P266

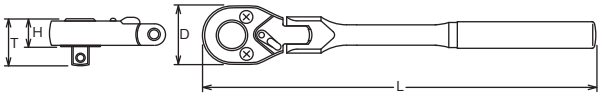
3774JBL

Flex-Head Ratchet with Head Lock Button and Quick Release Button
Gelenk-Knarre, mit feststellbarem Gelenk und Verriegelungsknopf
Cliquet à tête articulée avec boutons de blocage et de débrayage

S.O.D.H.-System | Two-Step Dog | 24 | Quick Release | Flexible Head | OVAL Shank

* Renewal Kits → **3753BRK** ➡P266

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3774JL	30.5	26.4	15.7	285	367	1
3774PL	30.5	26.4	15.7	265	378	2
3774JBL	30.5	26.4	15.7	285	367	1



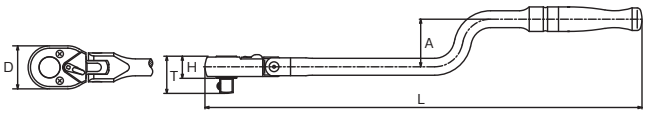
⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

3774P-SR

Speeder Ratchet
Kurbel-Knarre
Vilebrequin à cliquet

* Renewal Kits → **3753RK** ➡P266

	D (mm)	T (mm)	H (mm)	A (mm)	L (mm)	(g)	(pce.)
3774P-SR	30.5	26.4	15.7	34	310	435	1



3776J

Swivel Head Ratchet
Schwenkkopf-Knarre
Cliquet à tête pivotante

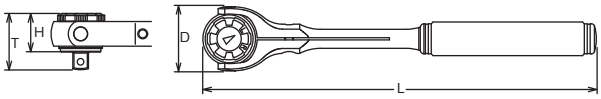
* Renewal Kits → **3752RK** ➡P266

3776P

Swivel Head Ratchet
Schwenkkopf-Knarre
Cliquet à tête pivotante

* Renewal Kits → **3752RK** ➡P266

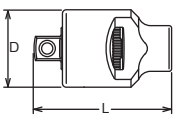
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3776J	44	34.3	23.9	280	510	1
3776P	44	34.3	23.9	280	560	1



3755

Ratchet Adaptor
Aufsteckknarre
Cliquet adaptable

* Renewal Kits → **3755RK** ➡P268



	D (mm)	L (mm)	(g)	(pcs.)
3755	30.5	55	146	5

Attention:
The precision of the torque ratchet has to be controlled regularly.

Achtung:
Die Genauigkeit des Drehmomentschlüssels ist regelmässig zu überprüfen.

Attention:
La précision de votre cliquet doit être vérifiée prériodiquement.

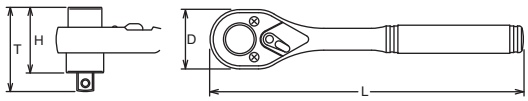
Torque Ratchet
The torque is set at 25Nm.
When the torque is loaded higher than 25Nm, the gear slips and no increased torque is transmitted. Engine heads and spark plugs are protected by this mechanism.

Drehmoment-Knarrre
Das Drehmoment ist auf 25Nm eigestellt.
Sobald dieser Wert erreicht wird,unterbricht das Getriebe den weiteren Anzug.
Zylinderköpfe und Zündkerzen werden auf diese Weise geschützt.

Cliquet à déclenchement
La couple est pré-fixé à 25Nm.
Quand ce couple est dépassé, l'engrenage glisse et interrompt le serrage.

3751J-25Nm

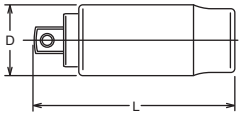
Torque Ratchet for Spark plugs
Drehmoment-Knarre für Zündkerzen
Cliquet pour bougies à déclenchement 25Nm



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3751J-25	34	57	43	178	320	1

3701-20Nm/-30Nm

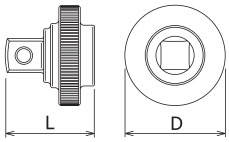
Torque Adaptors 20Nm / 30Nm
Drehmoment-Verbindungsstücke 20Nm / 30Nm
Adaptateurs dynamométriques 20Nm / 30Nm



3701	D (mm)	L (mm)	(g)	(pce.)
20Nm	25.5	75	178	1
30Nm	28	75	220	1

3756

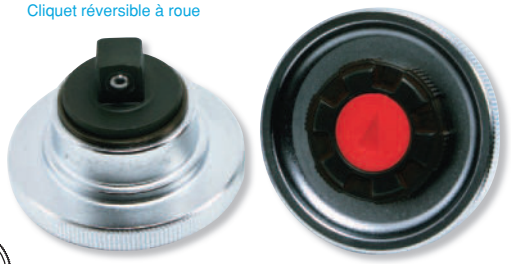
Quick Spinner
Rändel-Drehscheibe
Lanceur

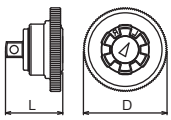


	D (mm)	L (mm)	(g)	(pcs.)
3756	30.5	25.5	47	10

3757

Ratchet Wheel
Umstellbares Knarren-Handrad
Cliquet réversible à roue





L/R Marking

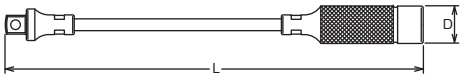
45

* Renewal Kits → **3752RK** ➡P266

	D (mm)	L (mm)	(g)	(pcs.)
3757	50	35	155	5

3762

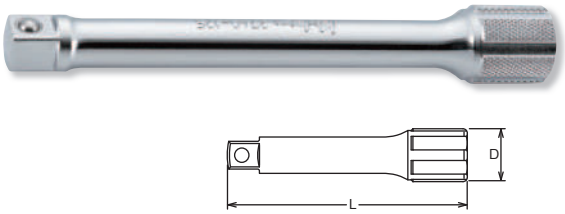
Flexible Extension Bar
Biegsame Verlängerung
Rallonge flexible



	D (mm)	L (mm)	(g)	(pcs.)
3762	19.3	300	178	2

3760-32/-50/-75/-125/-150/-250/ -300/-400/-500/-600/-900/-1000

Extension Bars
Verlängerungen
Rallonges



3760	D (mm)	L (mm)	⚖ (g)	◇ (pcs.)
32	18	32	27	10
50	18	50	47	10
75	18	75	68	10
125	18	125	106	10
150	18	150	125	10
250	18	250	196	5
300	18	300	291	2
400	18	400	365	1
500	18	500	490	1
600	18	600	538	1
900	18	900	805	1
1000	18	1000	968	1

PK3760/6

Extension Set in Plastic Box
Verlängerungen in Kunststoffkassette
Jeu de rallonges en boîte plastique

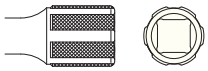
PK3760/6 — 6 Pieces Set/⚖=670g

PLASTIC TRAY

Extension Bars

3760 Extension Bars
32, 50, 75, 125, 150, 250

Rotation and general handling of extensions with oily hands is greatly improved with the Koken developed 6 point knurling. Also the Koken 6 point knurling stops the extensions from rolling around the work area.

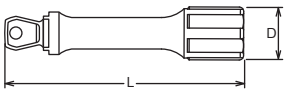


Durch die von Koken entwickelte 6 fache Rändelung wird die Handhabung deutlich erleichtert. Außerdem wird das Herumrollen der Verlängerungen wirksam verhindert.

La manipulation des rallonges est grandement facilitée par le profil moleté développé par Koken. Ce même profile empêche le roulement intempestif des rallonges sur le plan de travail.

3763-32/-50/-75/-125/-150/-250/-300

Wobble-Fix Extension Bars
Winkel-Verlängerungen
Rallonges angulaires



Wobble-Fix

3763	D (mm)	L (mm)	⚖ (g)	◇ (pcs.)
32	18	32	26	10
50	18	50	42	10
75	18	75	57	10
125	18	125	80	10
150	18	150	98	10
250	18	250	144	5
300	18	300	170	2

PK3763/6

Wobble-Fix Extension Bars in Plastic Box
Winkel-Verlängerungen in Kunststoffkassette
Jeu de rallonges angulaires en boîte plastique

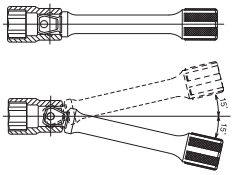
PK3763/6 — 6 Pieces Set/⚖=560g

PLASTIC TRAY

Extension Bars

3763 Wobble-Fix Extension Bars
32, 50, 75, 125, 150, 250

Wobble-Fix Extension Bar
Two way usage
a) In a fixed position, as a normal extension bar
b) In a half-fixed position, as a flexible extension bar providing a 15° angle operation



Winkel-Verlängerungen
Winkelverlängerungen lassen sich in zwei Einstellungen verwenden
a) voll eingesteckt und starr,
b) halb eingesteckt, mit einem Arbeitswinkel von 15°.

Rallonges angulaires
Deux utilisations possibles
a) comme rallonge normale, dans une position fixe
b) comme une rallonge angulaire avec une possibilité d'inclinaison jusqu'à 15°

The Wobble-Fix Extension Bar has less strength than normal extension bar due to it's specific design with a reduced square drive. Make sure to use it correctly.

3768J-250

Hinge Handle
Gelenkgriff
Poignée articulée

OVAL Shank

* Renewal Kits → 3768RK P268

3768P-250

Hinge Handle
Gelenkgriff
Poignée articulée

OVAL Shank

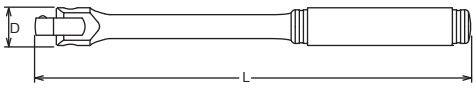
* Renewal Kits → 3768RK P268

3768P-380

Hinge Handle
Gelenkgriff
Poignée articulée

* Renewal Kits → 3768RK P268

	D (mm)	L (mm)	(g)	(pcs.)
3768J-250	20.5	250	248	2
3768P-250	20.5	250	275	5
3768P-380	20.5	380	435	2

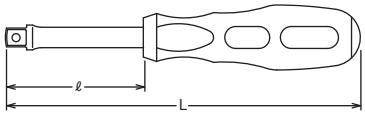


3768--380 have longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

3769N-160/-230

Spin Type Handle
Drehgriff
Poignée emmanchée

3769N	ℓ (mm)	L (mm)	(g)	(pcs.)
160	50	160	96	2
230	120	230	126	2

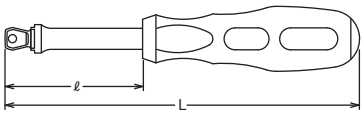


3769NWF-160/-230

Spin Type Handle Wobble-Fix
Drehgriff, Wobble-Fix
Poignée emmanchée, angulaire

Wobble-Fix

3769NWF	ℓ (mm)	L (mm)	(g)	(pcs.)
160	50	160	96	2
230	120	230	126	2



Plastic or rubber handles are not intended to act as insulation.

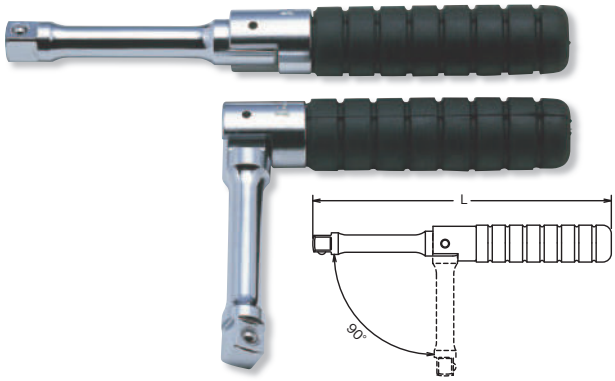
Plastik-oder Gummigriffe stellen keinen Isolierschutz dar.

Les poignées en plastique ou en caoutchouc ne garantissent aucune isolation électrique.

3769H

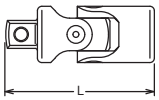
Folding Socket Driver
Klapp-Drehgriff
Poignée tournevis articulée

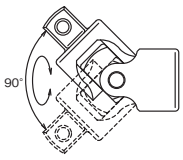
	L (mm)	(g)	(pcs.)
3769H	170	210	2

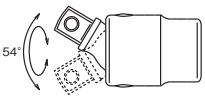


3/8”

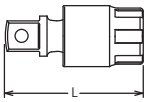
3770
Universal Joint
Gelenk-Einsatz
Cardan universel





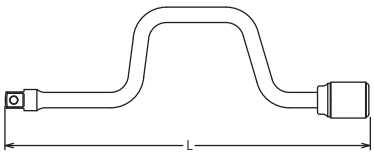


3771
Universal Joint
Gelenk-Einsatz
Cardan universel



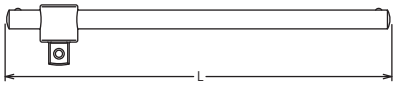
	L (mm)	(g)	(pcs.)
3770	50	66	10
3771	43	46	10

3780
Speed Handle
Winde
Vilebrequin



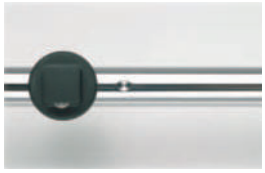
	L (mm)	(g)	(pce.)
3780	400	432	1

3785
T-Handle
T-Griff
Poignée coulissante



OVAL Shank

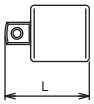
Innovative Oval shaped bar provides higher durability and stops the sliding square part turning around the bar.



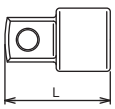
	L (mm)	(g)	(pcs.)
3785	200	157	5

3322A
Adaptor
Verbindungsstück
Augmentateur

Warranty 86Nm
Garantie 86Nm
Garantie 86Nm



3344A
Adaptor
Verbindungsstück
Augmentateur



	凹 (sq)	凸 (sq)	L (mm)	(g)	(pcs.)
3322A	3/8"	1/4"	24	18	10
3344A	3/8"	1/2"	30	35	10

Adapting down from bigger square drive to smaller square drive may lead to excessive torque and possibly cause breakage.

Reduzierstücke sind mit Vernunft einzusetzen.
Es besteht Bruchgefahr. Überschreiten Sie niemals die Sicherheitsgrenzen.

Les réducteurs doivent être utilisés avec modération. Ne dépassez jamais les limites de sécurité.

PK2346/6
Adaptor Set in Plastic Box
Adaptor Satz in Kunststoffkassette
Jeu de adaptateur en boîte plastique

2233A	1/4" X 3/8"		
3322A	3/8" X 1/4"	Warranty/Garantie	86Nm
3344A	3/8" X 1/2"		
4433A	1/2" X 3/8"	Warranty/Garantie	290Nm
4466A	1/2" X 3/4"		
6644A	3/4" X 1/2"	Warranty/Garantie	668Nm

PK2346/6 — 6 Pieces Set/⚖=460g

PLASTIC TRAY

Adaptors	
1/4"凹→3/8"凸 2233A	3/8"凹→1/4"凸 3322A
3/8"凹→1/2"凸 3344A	1/2"凹→3/8"凸 4433A-35
1/2"凹→3/4"凸 4466A	3/4"凹→1/2"凸 6644A

ESH3001

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

ESH3001	17 Pieces Set/=2,200g

METAL CASE:W415xH120xT50mm

Sockets	Accessories
3410M Surface Drive Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	**3753J** **3760-125** **3760-250** **3770** **3785**

ETH3001

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

ETH3001	22 Pieces Set/=1,820g

METAL CASE:W392xH90xT50mm

Sockets	Accessory
3425 TORX® Sockets E4, E5, E6, E7, E8 **4425** TORX® Sockets E10, E11, E12, E14, E16, E18 **3025.50** TORX® Bit Sockets T10, T15, T20, T25, T27 **4025.60** TORX® Bit Sockets T30, T40, T45, T50, T55	**4433A-35**

3206AM

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3206AM	27 Pieces Set/=3,500g

METAL CASE:W445xH190xT50mm

Sockets	Accessories
3405M 12-pt. Sockets 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22 **3405A** 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8,11/16, 3/4, 13/16, 7/8 **3300C** Spark Plug Socket 20.8	**3753J** **3760-125** **3760-250** **3768J-250** **3770**

3210M-00 / 3210A-00
3210M-05
3210M-10

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3210M-00	22 Pieces Set/=2,900g
3210M-05	22 Pieces Set/=2,900g
3210M-10	22 Pieces Set/=2,900g

METAL CASE:W360xH150xT50mm

Sockets	Accessories
(3210M-00) **3400M** 6-pt. Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 (3210M-05) **3405M** 12-pt. Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 (3210M-10) **3410M** Surface Drive Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22	**3753J** **3760-125** **3760-250** **3768J-250** **3770** **3785**

3210A-00	18 Pieces Set/=2,760g

METAL CASE:W360xH150xT50mm

Sockets	Accessories
3400A 6-pt. Sockets 1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8	**3753J** **3760-125** **3760-250** **3768J-250** **3770** **3785**

3216

Spark Plug Sockets Set
Zündkerzen-Schlüssel Satz
Jeu de douilles pour bougies

3216	4 Pieces Set/=730g

PLASTIC BAG

Sockets	Accessories
3300C Spark Plug Sockets 16, 20.8	**3760-125** **3774JL**

3217M-00
3217M-05
3217M-10

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3217M-00	14 Pieces Set/=850g
3217M-05	14 Pieces Set/=850g
3217M-10	14 Pieces Set/=850g

METAL CASE:W163xH52xT33mm

Sockets
(3217M-00) **3400M** 6-pt. Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
(3217M-05) **3405M** 12-pt. Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
(3217M-10) **3410M** Surface Drive Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22

S3240M-00 / S3240A-00
S3240M-05 / S3240A-05

Display Stands
Ausstellungsständer
Présentoirs

S3240M-00	3400M 177 Pieces Set/=10,300g
S3240M-05	3405M 177 Pieces Set/=10,300g

DISPLAY STAND:W510xH150xT230mm

Sockets		
6mm:12pcs	12mm:12pcs	18mm:8pcs
7mm:12pcs	13mm:11pcs	19mm:8pcs
8mm:12pcs	14mm:11pcs	20mm:7pcs
9mm:12pcs	15mm:10pcs	21mm:7pcs
10mm:12pcs	16mm: 9pcs	22mm:7pcs
11mm:12pcs	17mm: 9pcs	23mm:6pcs

S3240A-00	3400A 126 Pieces Set/=8,500g
S3240A-05	3405A 126 Pieces Set/=8,500g

DISPLAY STAND:W510xH150xT230mm

Sockets		
1/4" :12pcs	9/16":10pcs	25/32":7pcs
5/16":12pcs	19/32":10pcs	13/16":7pcs
3/8" :12pcs	5/8" : 9pcs	7/8" :7pcs
7/16":12pcs	11/16": 9pcs	
1/2" :11pcs	3/4" : 8pcs	

3250M-00
3250M-05

Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3250M-00	17 Pieces Set/=2,200g
3250M-05	17 Pieces Set/=2,200g

METAL CASE:W415xH120xT50mm

Sockets	Accessories
3400M 6-pt. Sockets 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	**3753J** **3760-125**
3405M 12-pt. Sockets 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	**3760-250** **3770** **3785**

3251
Bit Socket Set
Schraubendreher-Steckschlüssel Satz
Jeu de douilles de vissage

3251	8 Pieces Set/⚖=675g
METAL CASE:W160×H100×T28mm	
Sockets	Accessories
3025.50 TORX® Bit Sockets T25H, T30H, T40H, T45H, T50H	**2774PS-3/8** **3763-50** **3756**

3252M
Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3252M	15 Pieces Set/⚖=1,530g
METAL CASE:W310×H90×T48mm	
Sockets	Accessories
3400M 6-pt. Sockets 5.5, 7, 8, 10, 11, 12 **3405M** 12-pt. Sockets 13, 14, 17, 19, 22	**3753P** **3760-75** **3760-125** **3770**

3275
Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3275	24 Pieces Set/⚖=3,150g
METAL CASE:W400×H147×T50mm	
Sockets	Accessories
3400M 6-pt. Sockets 6, 7, 8, 9, 10, 11, 12 **3405M** 12-pt. Sockets 13, 14, 15, 16, 17, 18, 19, 21, 22 **3300C** Spark Plug Sockets 16, 20.8	**3753J** **3760-125** **3760-250** **3768J-250** **3770** **3756**

3277
Socket Set
Steckschlüssel Satz
Jeu de clés à douille

3277	29 Pieces Set/⚖=3,240g
METAL CASE:W370×H150×T50mm	
Sockets	Accessories
3400M 6-pt. Sockets 8, 9, 10, 11, 12 **3405M** 12-pt. Sockets 13, 14, 15, 16, 17, 18, 19, 21 **3300M** 6-pt. Deep Sockets 8, 9, 10, 11, 12 **3305M** 12-pt. Deep Sockets 13, 14, 15, 16, 17, 18, 19, 21	**3753J** **3760-125** **3768J-250**

3278
Bit Socket Set
Schraubendreher-Steckschlüssel Satz
Jeu de douilles de vissage

3278	20 Pieces Set/⚖=3,370g
METAL CASE:W310×H150×T50mm	
Sockets	Accessories
3000 Bit Sockets 2, 3 **3010M.62** Hex Bit Sockets 5, 6, 7, 8, 10 **3020.50** XZN Bit Sockets M4, M5, M6, M8 **3025.50** TORX® Bit Sockets T10, T15, T20, T25, T27, T30, T40	**3753J** **3763-125**

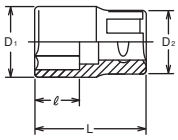
All socket sets can be supplied either with 6-pt. or with 12-pt. opening.
Alle Steckschlüsselsätze sind mit 6- oder 12-kant Steckschlüsseln erhältlich.
Tous les coffrets de douilles peuvent être livrés en 6- ou 12-pans.

1/2”

4401M

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

HANDY-ENDY®

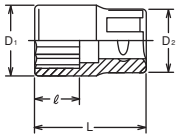


4401M 4406M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	13.2	22	8	36	44	10
9	13.8	22	8.5	37	44	10
10	15.3	22	9	37	45	10
11	16.5	22	9.5	37	46	10
12	17.8	22	10	37	47	10
13	19	22	10.5	37	53	10
14	20.3	22	11	37	56	10
15	21.5	22	11.5	37	52	10
16	22.8	22	12	37	62	10
17	24	22	12.5	37	69	10
18	25	23	13	37	74	10
19	26.5	24.5	14	38	89	10
20	27.8	26	15	38	92	10
21	29	27	15.5	38	102	10
22	30	28	16	40	113	10
23	31.5	29	16.5	40	128	10
24	32.8	30	17	42	140	5
25	34	31	18	42	164	5
26	35	32	19	42	165	5
27	36.5	33	19.5	43	196	5
28	37.8	34	20	43	198	5
29	39	35	20.5	43	190	5
30	40	36	22	46	222	5
31	41.5	37	22.5	46	257	5
32	42.8	38	23	46	250	5

4406M

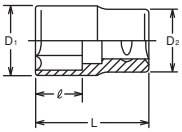
12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans

HANDY-ENDY®



4400M

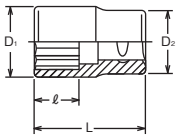
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



4400M 4405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
33	44.2	39	24	47	275	5
34	45.2	40	24	47	315	5
35	46.2	40	24	47	317	5
36	47.2	41	24	47	336	5
New **37**	48.3	42	24	47	360	5
38	49.2	43	24	47	380	5
New **41**	53.1	45	29	57	471	5
New **46**	59.1	48	32	60	567	2

4405M

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



RS4401M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4401M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 16, 17, 18, 19		720

RS4406M/10

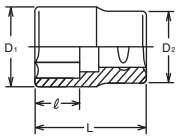
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4406M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 16, 17, 18, 19		720

4400A

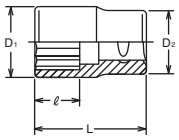
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

4400A 4405A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/16	13.2	21	8	36	44	10
3/8	14.6	21	9	37	45	10
7/16	16.5	21	9.5	37	46	10
1/2	19	22	10.5	37	53	10
9/16	20.3	22	11	37	56	10
19/32	21.5	22	11.5	37	52	10
5/8	22.8	22	12	37	62	10
21/32	24	23	12.5	37	69	10
11/16	25	24	13	37	74	10
3/4	26.5	25	14	38	89	10
25/32	27.8	26	15	38	92	10
13/16	29	27	15.5	38	102	10
7/8	30	28	16	40	113	10
15/16	32.8	30	17	42	140	5
31/32	34	31	18	42	165	5
1	35	32	19	42	165	5
1. 1/16	36.5	33	19.5	43	180	5
1. 1/8	39	35	20.5	43	210	5
1. 3/16	40	36	22	46	222	5
1. 1/4	42.8	38	23	46	250	5
1. 5/16	44.2	39	24	47	275	5
1. 3/8	46.2	40	24	47	317	5
1. 7/16	47.2	41	24	47	336	5
1. 1/2	49.2	43	24	47	380	5



4405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



Hand Sockets
Both, 6-pt. and 12-pt. openings, are equipped with Flat Drive Openings, transferring the turning power from the corners on the flanks of nuts and bolts.

Sowohl 6-kant als auch 12-kant Steckschlüssel bieten alle Vorteile der “Flat Drive” Öffnung, die die Greifzonen auf die Flächen von Schrauben und Muttern versetzt.

Aussi bien les douilles 6-pans que 12-pans présentent tous les avantages liés au profil FLATDRIVE qui applique la force de serrage aux faces de la vis ou de l’écrou.

RS4400A/10
RS4405A/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

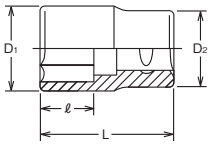
RS4400A/10	10 Pieces Set/Rail 300mm	(g)
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16		809

RS4405A/10	10 Pieces Set/Rail 300mm	(g)
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16		809

AL4400M

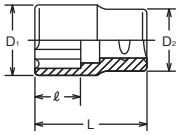
Aluminium Sockets for Wheel Nuts
Aluminium Steckschlüssel für Radmuttern
Douilles en aluminium, pour écrous de roue

AL4400M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
17	29.5	27	21	43	52	10
19	31	29	24	45	58	10



4410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



RS4410M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

4410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	13.2	21	8	36	44	10
9	13.8	21	8.5	37	44	10
10	15.3	21	9	37	45	10
11	16.5	21	9.5	37	46	10
12	17.8	21	10	37	47	10
13	19	22	10.5	37	53	10
14	20.3	22	11	37	56	10
15	21.5	22	11.5	37	52	10
16	22.8	22	12	37	62	10
17	24	23	12.5	37	69	10
18	25	24	13	37	74	10
19	26.5	25	14	38	89	10
20	27.8	26	15	38	92	10
21	29	27	15.5	38	102	10
22	30	28	16	40	113	10
23	31.5	29	16.5	40	128	10
24	32.8	30	17	42	140	5
25	34	31	18	42	164	5
26	35	32	19	42	165	5
27	36.5	33	19.5	43	196	5
28	37.8	34	20	43	198	5
29	39	35	20.5	43	190	5
30	40	36	22	46	222	5
31	41.5	37	22.5	46	257	5
32	42.8	38	23	46	250	5
34	45.2	40	24	47	314	5

RS4410M/10	10 Pieces Set/Rail 300mm	(g)
	10, 11, 12, 13, 14, 15, 17, 19, 21, 22	717

SURFACE DRIVE

Surface drive sockets are designed to retain contact with the flat sides of the nut in order to transmit higher torque and reduce nut wear.
These sockets are ideal for using on polished nuts, aluminum nuts and nuts with worn out points.

Das Profil unserer Surface-Drive Steckschlüssel greift die Schraube an deren Flächen. Dies sichert eine höhere Kraftübertragung und verhindert ein Durchrutschen des Steckschlüssels. Diese Steckschlüssel eignen sich besonders für polierte Schrauben, Aluminium Schrauben und Schrauben bei denen die Ecken bereits abgerundet sind.

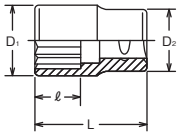
Notre profil Surface Drive assure le contact entre la douille et les plats de l'écrou. Ceci réduit l'usure et permet la transmission d'un couple plus élevé. C'est une solution idéale pour les écrous polies, celles en aluminium ou arrondies.

4400W

6-point Whitworth Sockets
6-kant Steckschlüssel , Whitworth
Douilles à 6-pans Whitworth

4405W

12-point Whitworth Sockets
12-kant Steckschlüssel , Whitworth
Douilles à 12-pans Whitworth



RS4400W/8
RS4405W/8

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

New	4400W 4405W (W)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
	3/16	16.5	21	9.5	37	46	10
	1/4	19	22	10.5	37	54	10
	5/16	21.5	22	11.5	37	54	10
	3/8	25	24	13	37	73	10
	7/16	29	27	15.5	38	87	10
	1/2	31.5	29	16.5	40	133	10
	9/16	35	32	19	42	165	5
	5/8	37.8	34	20	43	191	5
	11/16	40	36	22	46	222	5
	3/4	44.2	39	24	47	280	5

New	RS4400W/8	8 Pieces Set/Rail 250mm	(g)
New	3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8		860

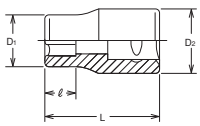
RS4405W/8	8 Pieces Set/Rail 250mm	(g)
3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8		860

BS W

BS・W												
	BS	3/16BS	1/4BS	5/16BS	3/8BS	7/16BS	1/2BS	9/16BS	5/8BS	11/16BS	3/4BS	7/8BS
	W	1/8W	3/16W	1/4W	5/16W	3/8W	7/16W	1/2W	9/16W	5/8W	11/16W	3/4W
Across Flat	(ref. mm)	8.64	11.30	13.34	15.24	18.03	20.83	23.37	25.65	27.94	30.48	33.02

4425-N

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



RS4425/6-N

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

New	4425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	E10N	13.2	21	8.2	36	47	10
New	E12N	14.6	21	9.3	37	48	10
New	E14N	16.5	21	10.6	37	50	10
New	E16N	19	22	11.8	37	60	10
New	E18N	20.3	22	13	37	60	10
	E20N	22.8	22	14.4	37	65	10

TORX Socket for Nut and low profile bolt
Shallow Chamfer on Socket Opening

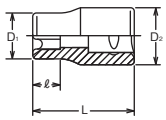
A : Flywheel bolt MR20 NISSAN: 4425-E20N
B : Cam sprocket FA20 for TOYOTA/SUBARU: 4425-E16N
C : Connecting rod bolt FA20 for TOYOTA/SUBARU: 4425-E14N

New	RS4425/6-N	6 Pieces Set/Rail 200mm	(g)
New	E10N, E12N, E14N, E16N, E18N, E20N		370

1/2”

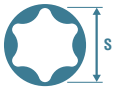
4425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



4425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 8	10.7	21	7	36	41	10
E10	13.2	21	8.2	36	44	10
E11	13.8	21	8.7	37	45	10
E12	14.6	21	9.3	37	47	10
E14	16.5	21	10.6	37	48	10
E16	19	22	11.8	37	57	10
E18	20.3	22	13	37	57	10
E20	22.8	22	14.4	37	63	10
E22	25	24	15.5	37	78	10
E24	26.5	25	17	40	95	5

TORX® (E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24
S	(ref. mm)	3.83	4.72	5.69	6.17	7.47	9.37	10.03	11.12	12.85	14.71	16.64	18.41	20.24	22.10

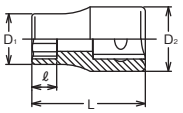
RS4425/7

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4425/7	7 Pieces Set/Rail 200mm	(g)
E10, E12, E14, E16, E18, E20, E24		428

4425 (EPL)

TORX PLUS® Sockets
TORX PLUS® Steckschlüssel
Douilles TORX PLUS®



4425 (EPL)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10EPL	13.2	21	6.2	36	45	10
12EPL	14.6	21	7.2	37	47	10
14EPL	16.5	21	8.1	37	49	10
16EPL	19	22	9.2	37	60	10
18EPL	20.3	22	10.2	37	60	10
20EPL	22.9	22	11.2	37	65	10

RS4425/6-EPL

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4425/6-EPL	6 Pieces Set/Rail 200mm	(g)
10EPL, 12EPL, 14EPL, 16EPL, 18EPL, 20EPL		390

TORX PLUS
EP/EPL-style

TORX
E-style

Straight Sidewalls & Reduced Recess Fall Away

- **Increase tool engagement**
- **Virtually eliminates camout**
- **Ensures proper torque transfer**
- **Greatly reduces end load requirements**
- **Can reduce worker fatigue and muscular stress during manual assembly**

Elliptically-based Geometry and Lobe Engagement

- **Broadens contact surface to maximize engagement of driver and recess**
- **Eliminates damaging point-to-point contact**

0° Drive Angle

- **Optimises torque transmission**
- **Virtually eliminates radial stresses to increase tool bit life**
- **Enables use of recesses with thinner walls**

Six Lobes with Large Cross-Sectional Areas

- **Enables faster tool engagement**
- **Maximizes torque transfer**
- **Increases torsional strength**

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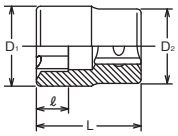
1/2”

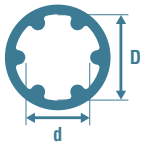
4400LH

LHS Sockets
Steckschlüssel mit LHS Profil
Douilles au profil LHS



4400LH (LH-S)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6S	13.2	21	5.6	36	44	10
8S	16.5	21	6.8	37	46	10
10S	19	22	8	37	53	10
12S	22.8	22	9.2	37	62	10
14S	25	24	10.4	37	74	10
16S	29	27	11.6	38	102	10

LHSTIX® (LH-S)



LH-S		LH-5S	LH-6S	LH-8S	LH-10S	LH-12S	LH-14S	LH-16S
D	(ref. mm)	7.5	9.0	12.0	15.0	18.0	21.0	24.0
d	(ref. mm)	5.60	6.78	9.04	11.30	13.56	15.82	18.08

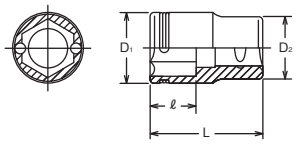
RS4400LH/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4400LH/6	6 Pieces Set/Rail 200mm	(g)
6S, 8S, 10S, 12S, 14S, 16S		430

4450M

Nut Grip Sockets **Nut Grip®**
Steckschlüssel mit 2-facher Kugelhalterung
Douilles à billes de retenue



4450M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10	15.3	21	6	36	44	10
11	16.5	21	6.5	36	46	10
12	17.8	21	7	36	46	10
13	19	22	8	36	52	10
14	20.3	22	8.5	36	54	10
15	21.5	22	9	36	52	10
16	22.8	22	9	36	60	10
17	24	23	9.5	36	68	10
18	25	24	10.5	36	77	10
19	26.5	25	11.5	36	85	10
21	29	27	12	37	110	10
22	30	28	12.5	37	105	10
24	32.8	30	14.5	39	130	5
27	36.5	33	16.5	40	139	5

NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.

Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l’ouverture du 6-pans de la douille retiennent l’écrou de manière sûre et efficace.

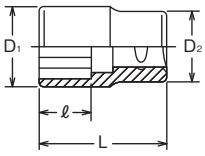
RS4450M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4450M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 17, 19, 21, 22		717

4109M

Double 4-point Sockets
Doppelvierkant Steckschlüssel
Douilles 4-pans, doubles

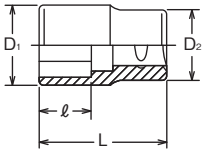


4109M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	26.8	26	11	38	110	10
17	30	28	12.5	40	140	10
19	31.5	29	14	40	150	10
21.5	35	32	16	40	170	10
23	37	34	16.5	43	180	10

4109M series
For Lubrication service
Schmierdienst-Werkzeuge
Service lubrification-vidange

4111M

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



4111M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
24	32	30	17	40	133	10

4111M series
For Lubrication service
Schmierdienst-Werkzeuge
Service lubrification-vidange

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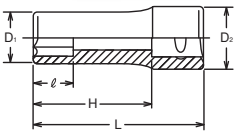
4300M / 4300A

6-point Deep Sockets
6-kant Steckschlüssel, lang
Douilles longues, 6-pans



4300M 4305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	13.2	21	9	59	77	76	10
9	13.8	21	10	59	77	82	10
10	15.3	21	11	59	77	82	10
11	16.5	21	12	59	77	86	10
12	17.8	21	13	59	77	92	10
13	19	21.8	14	59	77	106	10
14	20.3	21.8	15	59	77	115	10
15	21.5	21.8	16	59	77	123	10
16	22.8	22	17	59	77	141	10
17	24	23	18	59	77	139	10
18	25	24	19	59	77	149	10
19	26.5	25	20	58	77	165	10
20	27.8	26	21	58	77	183	10
21	29	27	23	58	77	190	10
22	30	28	27	57	77	200	10
23	31.5	29	27	57	77	233	10
24	32.8	30	27	57	77	249	10
25	34	31	27	57	77	270	10
26	35	32	27	56	77	279	10
27	36.5	33	28	56	77	303	10
28	37.8	34	28	56	77	331	10
29	39	35	28	55	77	357	10
30	40	36	34	55	77	342	10
31	41.5	37	34	55	77	384	10
32	42.8	38	34	55	77	405	10
33	44.2	39	35	54	77	420	5
34	45.2	40	35	54	77	442	5
36	48	43	36	53	77	484	5
New 37	48.2	42	36	53	77	475	5
New 38	49	44	37	53	77	490	5

RS4300M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 17, 19, 21, 22		1,415

RS4305M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 17, 19, 21, 22		1,415

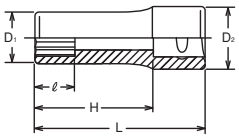
RS4300M /12	12 Pieces Set/Rail 300mm	(g)
10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22		1,825

RS4300A/10	10 Pieces Set/Rail 300mm	(g)
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16		1,600

RS4305A/10	10 Pieces Set/Rail 300mm	(g)
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16		1,600

4305M / 4305A

12-point Deep Sockets
12-kant Steckschlüssel, lang
Douilles longues, 12-pans



4300A 4305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
5/16	13.2	21	9	59	77	76	10
3/8	14.6	21	10	59	77	82	10
7/16	16.5	21	12	59	77	86	10
1/2	19	21.8	14	59	77	106	10
9/16	20.3	21.8	15	59	77	115	10
19/32	21.5	21.8	16	59	77	123	10
5/8	22.8	22	17	59	77	141	10
21/32	24	23	18	59	77	139	10
11/16	25	24	19	59	77	149	10
3/4	26.5	25	20	58	77	165	10
25/32	27.8	26	21	58	77	183	10
13/16	29	27	23	58	77	190	10
7/8	30	28	27	57	77	200	10
15/16	32.8	30	27	57	77	249	10
31/32	34	31	27	57	77	270	10
1	35	32	27	56	77	279	10
1. 1/16	36.5	33	28	56	77	303	10
1. 1/8	37.8	34	28	56	77	331	10
1. 3/16	40	36	34	55	77	342	10
1. 1/4	42.8	38	34	55	77	405	10
1. 5/16	44.2	39	35	54	77	420	5
1. 3/8	46.2	40	35	54	77	422	5
1. 7/16	48	43	36	53	77	484	5
1. 1/2	49	44	38	53	77	523	5
1.13/16	59	48	38	51	77	791	5

RS4300M/10
RS4305M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4300M/12

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

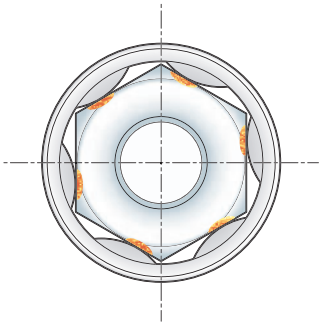
RS4300A/10
RS4305A/10

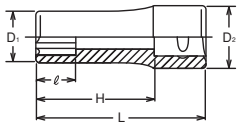
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

1/2”

4310M

Surface Drive Deep Sockets
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive





4310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	13.2	21	9	59	77	79	10
9	13.8	21	10	59	77	82	10
10	15.3	21	11	59	77	82	10
11	16.5	21	12	59	77	86	10
12	17.8	21	13	59	77	92	10
13	19	21.8	14	59	77	106	10
14	20.3	21.8	15	59	77	115	10
15	21.5	21.8	16	59	77	123	10
16	22.8	22	17	59	77	141	10
17	24	23	18	59	77	139	10
18	25	24	19	59	77	149	10
19	26.5	25	20	58	77	165	10
20	27.8	26	21	58	77	183	10
21	29	27	23	58	77	190	10
22	30	28	27	57	77	200	10
23	31.5	29	27	57	77	233	10
24	32.8	30	27	57	77	249	10
25	34	31	27	57	77	270	10
26	35	32	27	56	77	279	10
27	36.5	33	28	56	77	303	10
28	37.8	34	28	56	77	334	10
29	39	35	28	55	77	357	10
30	40	36	34	55	77	342	10
31	41.5	37	34	55	77	384	10
32	42.8	38	34	55	77	405	10
34	45.2	40	35	54	77	442	5

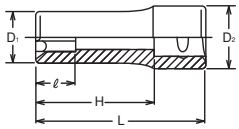
RS4310M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4310M/10	10 Pieces Set/Rail 300mm	(g)
10, 11, 12, 13, 14, 15, 17, 19, 21, 22		1,415

4325

TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®



4325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 8	10.7	21	7	59	77	68	10
E10	13.2	21	8.2	59	77	80	10
E11	13.8	21	8.7	59	77	84	10
E12	14.6	21	9.3	59	77	99	10
E14	16.5	21	10.6	59	77	103	10
E16	19	21.8	11.8	59	77	107	10
E18	20.3	21.8	13	59	77	118	10
E20	22.8	22	14.4	59	77	141	10
E24	26.6	25	17	59	77	215	10

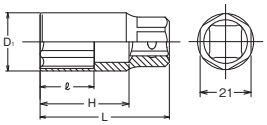
RS4325/7

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

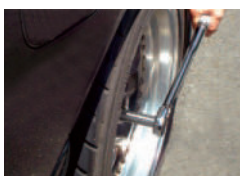
RS4325/7	7 Pieces Set/Rail 200mm	(g)
E10, E12, E14, E16, E18, E20, E24		900

4300M (L60)

Wheel Nut Sockets (Long)
Radmuttern-Steckschlüssel, extra lang
Douilles extra longues pour écrous de roue



	4300M(L60) (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**17**	23.6	25	42	60	98	10
New	**19**	25.1	25	41	60	100	10
New	**21**	27.1	25	41	60	102	10

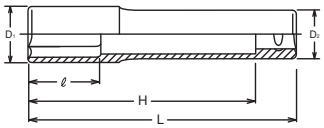


Wheel Nut Sockets

Please note that thin walled design is only for wheel nut work and Torque rating is limited.

4300M (L110)

Wheel Nut Sockets (Long)
Radmuttern-Steckschlüssel, extra lang
Douilles extra longues pour écrous de roue



4300M(L110) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
17	23	22	32	92	110	155	10
19	25.8	22	32	91	110	183	10
21	26.8	22	32	91	110	171	10

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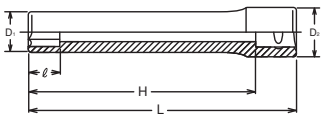
4300M (L120)

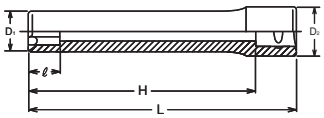
6-point Extra Deep Sockets
6-kant Steckschlüssel,extra lang
Douilles extra longues 6-pans



4300M(L120) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	13.2	21	9	102	120	120	5
10	15.3	21	11	102	120	138	5
12	17.8	21	13	102	120	157	5
14	20.3	21.8	15	102	120	193	5
16	22.8	22	17	102	120	210	5

4325 (L140)

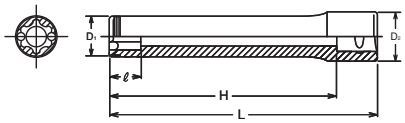
TORX® Extra Deep Sockets
TORX® Steckschlüssel, extra lang
Douilles extra longues TORX®



4325(L140)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 8	10.7	21	7	122	140	110	5
E10	13.2	21	8.2	122	140	140	5
E12	14.6	21	9.3	122	140	160	5
E14	16.5	21	10.6	122	140	180	5

4325 (L140)-2B

TORX® Sockets **Nut Grip®**
TORX Steckschlüssel mit 2-facher Kugelhalterung
Douilles Torx à deux billes de retenue

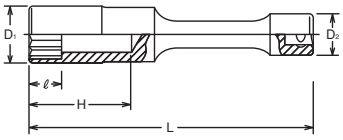


4325(L140) (2B)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 8(2B)	10.7	21	6.6	122	140	110	5
E10(2B)	13.2	21	7.4	122	140	140	5
E12(2B)	14.6	21	9	122	140	160	5
E14(2B)	16.5	21	9.8	122	140	180	5

For Cylinder head bolt

4117M-125/-250

Extended Sockets
Schaftsteckschlüssel
Douilles rallongées



4117M-125 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)
13	18.7	24	13	59	125	213	1
14	20.2	24	14	59	125	227	1
17	24	24	17	59	125	274	1
19	26.9	24	19	59	125	279	1
21	28.5	24	21	59	125	291	1
22	30	24	22	59	125	323	1
24	32	24	24	59	125	361	1
27	36.5	24	27	59	125	439	1
30	40	24	30	59	125	461	1
32	42	24	32	59	125	498	1

4117M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)
13	18.7	24	13	59	250	412	1
14	20.2	24	14	59	250	423	1
17	24	24	17	59	250	469	1
19	26.9	24	19	59	250	484	1
21	28.5	24	21	59	250	496	1
22	30	24	22	59	250	516	1
24	32	24	24	59	250	560	1
27	36.5	24	27	59	250	641	1
30	40	24	30	59	250	663	1
32	42	24	32	59	250	698	1

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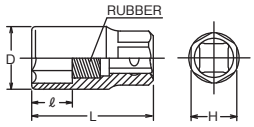
4300S

Spark Plug Sockets with Rubber
Zündkerzen-Schlüssel mit Gummieinsatz
Douilles pour bougies avec caoutchouc

Spark Plug

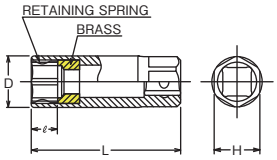


4300S (mm)	D (mm)	ℓ (mm)	L (mm)	H (mm)	(g)	(pcs.)
16	21	19	70	21	100	10
18	23.9	21	70	21	130	10
20.8	26.9	27	70	22	135	10

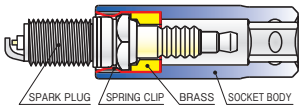
4300C

Spark Plug Sockets with Spring Clips
Zündkerzen-Schlüssel mit Haltefedern
Douilles avec ressorts de retenue pour bougies

Spark Plug



4300C (mm)	D (mm)	ℓ (mm)	L (mm)	H (mm)	(g)	(pcs.)
16	21	13	70	21	101	10
18	23.9	12	70	21	132	10
20.8	26.9	13.5	70	22	130	10



SPARK PLUG SOCKETS with SPRING CLIP

This revolutionary new spark plug socket is designed to securely grip a spark plug at its hexagonal part by two (2) stainless spring clips. The clips are held in place by an internal brass guide which ensures perfect alignment of the spark plug into the threaded plug hole of the cylinder head, thus preventing thread damage. The brass guide also eliminates stress loading and possible damage to the ceramic insulator of the spark plug.

Zwei solide Federn aus rostfreiem Stahl fassen den Sechskant der Zündkerze und drücken ihn an den Anschlag der Messing-Führungsbuchse. Jetzt sitzt die Kerze genau senkrecht zur Achse des Schlüssels. Das Einschrauben kann ohne Beschädigung der Gewindegänge im Motorblock und ohne Druck auf den Isolator der Kerze erfolgen.

Deux puissants ressorts en acier inoxydables maintiennent la bougie sur sa partie hexagonale tout en applicant contre la douille de guidage en laiton. L'allignement parfait de la bougie dans l'axe de l'outil permet à l'opérateur de poser celle-ci avec beaucoup de précision en réduisant au maximum les risques d'endommagement au filetage du bloc moteur ainsi qu'à la partie en céramique de la bougie.

4300C/3

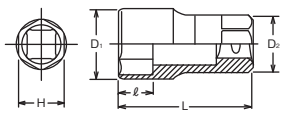
Spark Plug Sockets in Plastic Box
Zündkerzen-Schlüssel in Kunststoffkassette
Douilles pour bougies en boîte plastique

Spark Plug

4300C/3	3 Pieces Set	(g)
	16, 18, 20.8	373

4300H

Oil Pressure Switch Sockets
Steckschlüssel für Öldruckschalter
Douilles pour interrupteur, pression d'huile

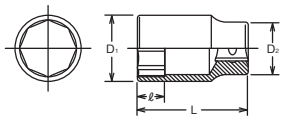


4300H (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	H (mm)	(g)	(pcs.)
24	32.5	27	17	57	24	157	10
26	35	27	19	57	24	170	10
27	36.1	27	19.5	57	24	175	10

Removes and installs oil pressure switches

4300H (8P)

8-point Sockets
8-kant Steckschlüssel
Douilles 8-pans



4300H (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
27(8P)	34	27	18.5	57	152	10

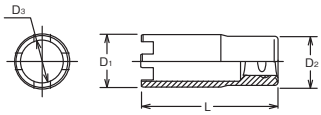
Socket for Switches, Mercedes Benz and MAN
Steckschlüssel für Schalter bei Mercedes Benz und MAN Nutzfahrzeugen
Douille pour interrupteurs, Mercedes Benz, MAN

4122-72

Diesel Injection Holder Nut Socket
Steckschlüssel für Einspritzdüsen
Douilles pour injecteur diesel

4122-72 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	L (mm)	(g)	(pcs.)
22	28.5	27	22	72	150	10

For M.B Trucks, Holder nut of injection post.

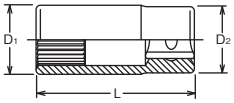


4133

Socket for Diesel engine injectors
Steckschlüssel für Diesel-Einspritzüsen
Douilles spéciales pour injecteurs

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
4133	23.9	23	55	86	10

For fuel injection pump of M.B diesel cars.

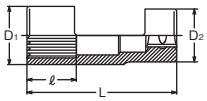


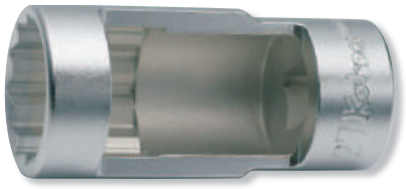
SP4305M-77

Socket for Diesel engine injectors
Steckschlüssel für Diesel-Einspritzüsen
Douilles spéciales pour injecteurs

SP4305M-77 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
27	36.5	33	28	77	212	10

For fuel injection pump of BMW diesel cars
Fur Einspritzdüsen an BMW-Diesel
Pour injecteur, BMW-Diesel

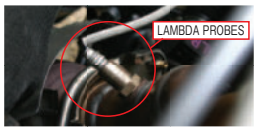




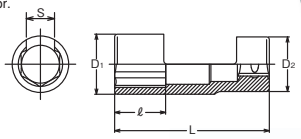
SP4300M-85
SP4300M-110

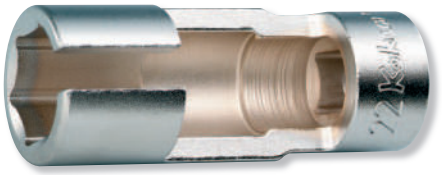
Special socket for Lambda Probes
Spezialsteckschlüssel für Lambda Sonden
Douilles spéciales pour sonde Lambda

	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	S (mm)	(g)	(pcs.)
SP4300M.85-22	33	30	29	85	8	228	10
SP4300M.110-22	33	30	29	110	8	279	10



FLARE NUT SOCKET
Socket for Lambda Probes
Open section allows for use with wire/connector.





4282

1/2" Sq.Dr. Generator Service Set
1/2" Lichtmaschinen-Service Satz
Jeu 1/2" pour l'entretien des générateurs éléctriques

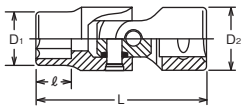
4282	4 Pieces Set/⚖=449g
PLASTIC BAG	
Sockets	
4020.100-M10 **4020.140-M10**	
4025.100R-T50	
185	

Generator Service Set
For removing and installing the belt pulley at the generator
Zur Montage der Riemenscheibe an Lichtmaschinen
Pour le montage et démontage des poulies des générateurs électriques

1/2”

4440M / 4440A

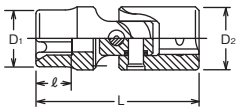
6-point Universal Sockets
6-kant Gelenk-Einsätze
Douilles articulées, 6-pans



4440M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
9	14	25	8.3	63	150	10
10	15.3	25	8.8	63	155	10
11	16.5	25	10	65	158	10
12	17.8	25	10.5	65	151	10
13	19	25	11.4	66	152	10
14	20.3	25	11.4	66	151	10
15	21.5	25	13	68	149	10
16	22.8	25	13	68	150	10
17	24	25	14	69	150	10
18	25.3	25	14	69	150	10
19	26.5	25	15	71	170	10
20	27.8	25	15	71	173	5
21	29	25	16	72	176	5
22	30.3	25	16	72	185	5

4440T

TORX® Universal Sockets
TORX® Gelenk-Einsätze
Douilles articulées, TORX®

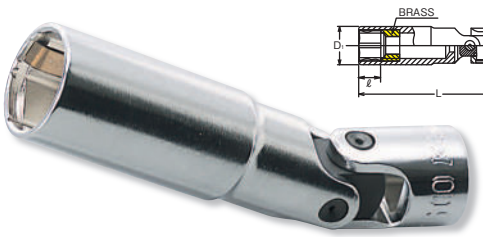


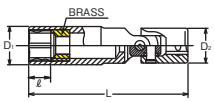
4440A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/8	14.8	25	8.8	63	155	10
7/16	16.5	25	10	65	158	10
1/2	19	25	11.4	66	152	10
9/16	20.3	25	11.4	66	151	10
5/8	22.8	25	13	68	150	10
11/16	24.6	25	14	69	153	10
3/4	26.5	25	15	71	170	10
7/8	30.3	25	16	72	185	5

4440T (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E10	13.2	25	8.2	62	145	10
E12	15	25	9.3	63	147	10
E14	16.3	25	10.6	65	148	10
E16	18.8	25	11.8	65	150	10
E18	20.4	25	13	67	153	10

4340C

Universal Spark Plug Sockets with Spring Clips
Gelenk-Zündkerzenschlüssel mit Haltefeder
Douilles articulées avec ressort de retenue pour bougies

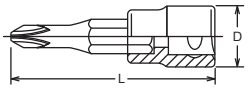




4340C (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
16	21	25	13	100	220	10
20.8	26.8	25	13.5	100	250	10

4000-60 (PH)

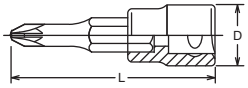
Phillips Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben, Phillips
Douilles tournevis pour vis à empreinte Phillips



4000 (PH)	D (mm)	L (mm)	(g)	(pcs.)
2	22	60	65	10
3	22	60	65	10
4	22	60	67	10

4000-60 (PZ)

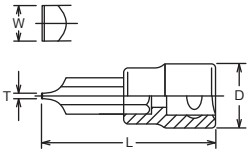
PZ Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben,PZ
Douilles tournevis pour vis à empreinte PZ



4000-60 (PZ)	D (mm)	L (mm)	(g)	(pcs.)
PZ2	22	60	65	10
PZ3	22	60	65	10

4005-60

Bit Sockets for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



4005	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
8	1.2× 8	22	60	65	10
10	1.6×10	22	60	75	10
12	2.0×12	23	60	111	10
14	2.5×14	24	60	133	10
16	2.5×16	24	60	133	10

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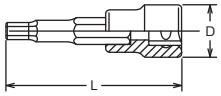
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

4010M-50/-75/-100/-160

Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



4010M-50 (mm)	D (mm)	L (mm)	(g)	(pcs.)
4	22	50	61	10
5	22	50	62	10
6	22	50	64	10
7	22	50	65	10
8	22	50	66	10
10	22	50	75	10
12	23	50	105	10
New 13	24	50	120	10
14	24	50	120	10
New 16	25	50	150	10
17	25	50	150	10
New 18	27	50	200	10
19	27	50	200	5

4010M-75 (mm)	D (mm)	L (mm)	(g)	(pcs.)
4	22	75	69	10
5	22	75	70	10
6	22	75	72	10
7	22	75	73	10
8	22	75	74	10
10	22	75	92	10
12	23	75	130	10
New 13	24	75	150	10
14	24	75	150	10
New 16	25	75	180	10
17	25	75	180	10
New 18	27	75	230	5
19	27	75	230	5

4010M-100 (mm)	D (mm)	L (mm)	(g)	(pcs.)
4	22	100	77	10
5	22	100	78	10
6	22	100	80	10
7	22	100	82	10
8	22	100	84	10
10	22	100	109	10
12	23	100	155	10
New 13	24	100	180	10
14	24	100	180	15
New 16	25	100	250	5
17	25	100	250	15
New 18	27	100	300	5
19	27	100	300	5

4010M-160 (mm)	D (mm)	L (mm)	(g)	(pcs.)
4	22	160	103	10
5	22	160	104	10
6	22	160	106	10
7	22	160	108	10
8	22	160	110	10
10	22	160	126	10
12	23	160	180	5
14	24	160	260	5
17	25	160	360	5
19	27	160	415	5

RS4010M/10-L50
RS4010M/10-L75

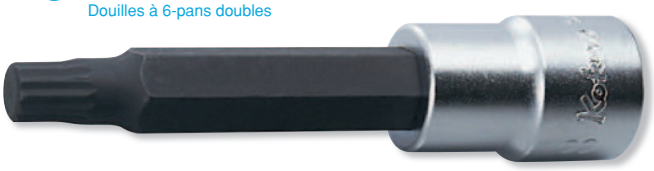
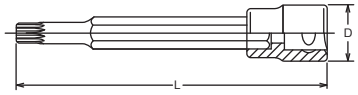
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4010M/10-L50	10 Pieces Set/Rail 300mm	(g)
4, 5, 6, 7, 8, 10, 12, 14, 17, 19		968

RS4010M/10-L75	10 Pieces Set/Rail 300mm	(g)
4, 5, 6, 7, 8, 10, 12, 14, 17, 19		1,207

4010M-100/-120 (12P)

Bit Sockets for Double Inhex Screws (12-point)
Steckschlüssel für Innenzwölfkant-Schrauben
Douilles à 6-pans doubles

4010M-100 (mm)	D (mm)	L (mm)	(g)	(pcs.)
8(12P)	23	100	132	10
10(12P)	23	100	135	10

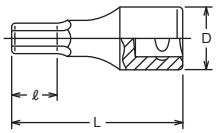
4010M-120 (mm)	D (mm)	L (mm)	(g)	(pcs.)
8(12P)	23	120	151	10
10(12P)	23	120	155	10

For TOYOTA,Cylinder head bolts
Für Toyota Zylinderkopfschrauben
Douilles tournevis spéciales pour boulons de culasse Toyota

1/2”

4012M-43/-60/-75/-100

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



4012M-43 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	21.1	11.5	43	40	10
5	21.1	11.5	43	40	10
6	21.1	11.5	43	42	10
7	21.1	11.5	43	46	10
8	21.1	11.5	43	49	10
9	21.1	11.5	43	63	10
10	23	11.5	43	63	10
11	25	11.5	43	74	10
12	25	11.5	43	81	10
13	25	11.5	43	85	10
14	25	11.5	43	88	10
15	26	11.5	43	91	10
16	26	11.5	43	100	10
17	26	11.5	43	101	10
18	26	11.5	43	106	10
19	26	11.5	43	110	10
20	26	11.5	43	130	10
21	26	11.5	43	140	10
22	26	11.5	43	145	10
23	28	11.5	43	167	10
24	28	11.5	43	170	10
27	32	11.5	43	226	10

4012M-60 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	21.1	15.5	60	49	10
5	21.1	15.5	60	55	10
6	21.1	15.5	60	56	10
7	21.1	15.5	60	60	10
8	21.1	15.5	60	64	10
9	21.1	15.5	60	78	10
10	23	15.5	60	78	10
11	25	15.5	60	100	10
12	25	15.5	60	107	10
13	25	15.5	60	111	10
14	25	15.5	60	122	10
15	26	15.5	60	125	10
16	26	15.5	60	134	10
17	26	15.5	60	141	10
18	26	15.5	60	153	10
19	26	15.5	60	159	10
21	26	15.5	60	197	10
22	26	22.5	60	205	10
23	28	22.5	60	242	10
24	28	22.5	60	245	10

4012M-75 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	21.1	15.5	75	52	10
5	21.1	15.5	75	58	10
6	21.1	15.5	75	62	10
7	21.1	15.5	75	70	10
8	21.1	15.5	75	74	10
9	21.1	15.5	75	88	10
10	23	15.5	75	94	10
11	25	15.5	75	119	10
12	25	15.5	75	122	10
13	25	15.5	75	137	10
14	25	15.5	75	148	10
15	26	15.5	75	151	10
16	26	15.5	75	171	10
17	26	15.5	75	184	10
18	26	15.5	75	196	10
19	26	15.5	75	212	10

4012M-100 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	24	15.5	100	75	10
5	24	15.5	100	81	10
6	24	15.5	100	85	10
7	24	15.5	100	93	10
8	24	15.5	100	97	10
9	24	15.5	100	111	10
10	24	15.5	100	117	10
11	24	15.5	100	142	10
12	24	15.5	100	143	10
13	24	15.5	100	158	10
14	24	15.5	100	169	10
15	24	15.5	100	172	10
16	24	15.5	100	192	5
17	24	15.5	100	215	5
18	24	15.5	100	227	5
19	24	15.5	100	243	5

RS4012M/10-L60

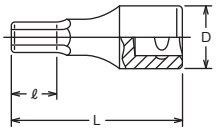
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4012M/10-L60	10 Pieces set/Rail 300mm	(g)
4, 5, 6, 7, 8, 10, 12, 14, 17, 19		910

4012M/A are for hand use only.
Do not use with a power or impact wrench.
Nicht auf Maschinenschraubern verwenden.
À ne pas utiliser sur des machines

4012A-43/-60/-75/-100

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



4012A-43 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/32	21.1	11.5	43	40	10
3/16	21.1	11.5	43	40	10
7/32	21.1	11.5	43	42	10
1/4	21.1	11.5	43	43	10
9/32	21.1	11.5	43	46	10
5/16	21.1	11.5	43	49	10
11/32	21.1	11.5	43	63	10
3/8	23	11.5	43	59	10
7/16	25	11.5	43	74	10
1/2	25	11.5	43	85	10
9/16	25	11.5	43	88	10
5/8	26	11.5	43	100	10
3/4	26	11.5	43	110	10

4012A-60 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/32	21.1	15.5	60	49	10
3/16	21.1	15.5	60	55	10
7/32	21.1	15.5	60	56	10
1/4	21.1	15.5	60	57	10
9/32	21.1	15.5	60	60	10
5/16	21.1	15.5	60	64	10
11/32	21.1	15.5	60	78	10
3/8	23	15.5	60	74	10
7/16	25	15.5	60	100	10
1/2	25	15.5	60	111	10
9/16	25	15.5	60	122	10
5/8	26	15.5	60	134	10
3/4	26	15.5	60	159	10

4012A-75 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/32	21.1	15.5	75	52	10
3/16	21.1	15.5	75	58	10
7/32	21.1	15.5	75	62	10
1/4	21.1	15.5	75	65	10
9/32	21.1	15.5	75	70	10
5/16	21.1	15.5	75	74	10
11/32	21.1	15.5	75	88	10
3/8	23	15.5	75	86	10
7/16	25	15.5	75	119	10
1/2	25	15.5	75	137	10
9/16	25	15.5	75	148	10
5/8	26	15.5	75	171	10
3/4	26	15.5	75	212	10

4012A-100 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/32	24	15.5	100	75	10
3/16	24	15.5	100	81	10
7/32	24	15.5	100	85	10
1/4	24	15.5	100	88	10
9/32	24	15.5	100	93	10
5/16	24	15.5	100	97	10
11/32	24	15.5	100	111	10
3/8	24	15.5	100	109	10
7/16	24	15.5	100	142	10
1/2	24	15.5	100	158	10
9/16	24	15.5	100	169	10
5/8	24	15.5	100	192	5
3/4	24	15.5	100	243	5

RS4012A/10-L60

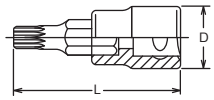
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

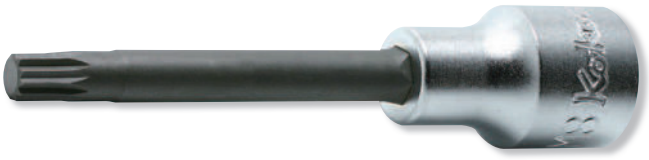
RS4012A/10-L60	10 Pieces set/Rail 300mm	(g)
3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4		950

4012M/A are for hand use only.
Do not use with a power or impact wrench.
Nicht auf Maschinenschraubern verwenden.
À ne pas utiliser sur des machines

4020-60/-100/-120/-140

XZN Bit Sockets
Steckschlüssel für XZN Schrauben
Douilles tournevis pour empreinte XZN





4020-60 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
M 5	22	60	60	10
M 6	22	60	61	10
M 8	22	60	63	10
M10	23	60	93	10
M12	23	60	97	10
M14	24	60	105	10
M16	25	60	165	10
M18	27	60	215	10

4020-100 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
M 5	22	100	77	10
M 6	22	100	78	10
M 8	22	100	80	10
M10	23	100	132	10
M12	23	100	136	10
M14	24	100	144	10
M16	25	100	250	5
M18	27	100	300	5

4020-120 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
M 5	22	120	86	10
M 6	22	120	87	10
M 8	22	120	89	10
M10	23	120	152	10
M12	23	120	156	10
M14	24	120	164	10

4020-140 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
M 5	22	140	95	10
M 6	22	140	96	10
M 8	22	140	98	10
M10	23	140	172	5
M12	23	140	176	5
M14	24	140	184	5

XZN

XZN		M4	M5	M6	M8	M10	M12	M14	M16	M18
S	(ref. mm)	3.60	4.80	6.00	7.20	9.60	11.41	13.22	15.63	16.85

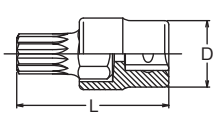
RS4020/6-L60
RS4020/6-L100

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4020/6-L60	6 Pieces Set/Rail 150mm	(g)
M5, M6, M8, M10, M12, M14		500

4020-60 (MH)

Bit Socket for XZN-Screws with hole
Steckschlüssel für XZN-Schrauben mit Loch
Douilles tournevis avec trou pour empreinte XZN



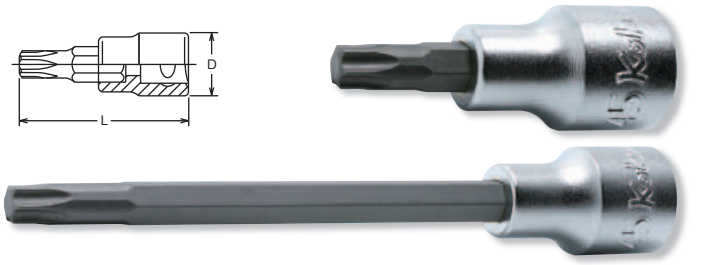
4020-60 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
MH16	24	60	135	10

Specially designed for oil drain plug on gearbox of AUDI, VW, PORSCHE.
Für die Ölablassschraube am Getriebegehäuse bei AUDI, VW. PORSCHE
Spécialement conçu pour la vis à vidange du logement d'engrenage de AUDI, VW, PORSCHE

1/2”

4025-60/-100/-140 (T)

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®



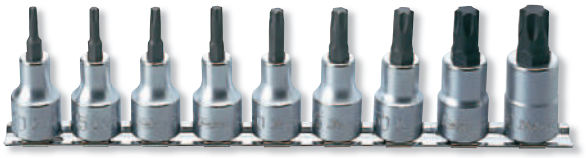
4025-60 (T)	D (mm)	L (mm)	(g)	(pcs.)
T20	22	60	59	10
T25	22	60	60	10
T27	22	60	60	10
T30	22	60	60	10
T40	22	60	62	10
T45	22	60	64	10
T50	22	60	74	10
T55	23	60	96	10
T60	24	60	122	10
T70	24	60	135	10

4025-100 (T)	D (mm)	L (mm)	(g)	(pcs.)
T20	22	100	76	10
T25	22	100	76	10
T27	22	100	77	10
T30	22	100	77	10
T40	22	100	78	10
T45	22	100	80	10
T50	22	100	98	10
T55	23	100	132	10
T60	24	100	170	5
T70	24	100	175	5

4025-140 (T)	D (mm)	L (mm)	(g)	(pcs.)
T20	22	140	94	10
T25	22	140	95	10
T27	22	140	95	10
T30	22	140	95	10
T40	22	140	97	10
T45	22	140	99	10
T50	22	140	129	10
T55	23	140	175	5
T60	24	140	229	5
T70	24	140	245	5

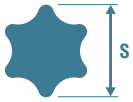
RS4025/9-L60

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail



RS4025/9-L60	9 Pieces Set/Rail 250mm	(g)
T20, T25, T27, T30, T40, T45, T50, T55, T60		700

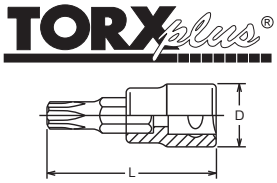
TORX® (T)



T		T8	T9	T10	T15	T20	T25	T27	T30	T40	T45	T50	T55	T60	T70	T80	T90	T100
S	(ref. mm)	2.30	2.48	2.72	3.26	3.84	4.40	4.96	5.49	6.60	7.77	8.79	11.17	13.20	15.49	17.51	19.88	22.09

4025-60/-100 (IP)

TORX PLUS® Bit Sockets
TORX PLUS® Bit-Steckschlüssel
Douilles tournevis,TORX PLUS®



4025-60 (IP)	D (mm)	L (mm)	(g)	(pcs.)
20IP	22	60	60	10
25IP	22	60	60	10
27IP	22	60	60	10
30IP	22	60	60	10
40IP	22	60	60	10
45IP	22	60	64	10
50IP	22	60	74	10
55IP	23	60	96	10
60IP	24	60	122	10
New **70IP**	25	60	170	10

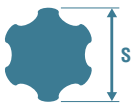
4025-100 (IP)	D (mm)	L (mm)	(g)	(pcs.)
40IP	22	100	79	10
45IP	22	100	81	10
50IP	22	100	100	10
55IP	23	100	133	10
60IP	24	100	172	5
70IP	25	100	241	5

RS4025/9-IP

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4025/9-IP	9 Pieces set/Rail 250mm	(g)
20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP, 60IP		700

TORX Plus® (IP)



IP		8IP	9IP	10IP	15IP	20IP	25IP	27IP	30IP	40IP	45IP	50IP	55IP	60IP	70IP
S	(ref. mm)	2.29	2.48	2.72	3.25	3.84	4.39	4.95	5.49	6.60	7.77	8.79	11.16	13.20	15.49

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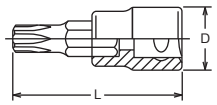
TORX PLUS® est une marque déposée de **Acument Intellectual Properties, LLC.**

4025-60-T35

Bit Socket
Bit-Steckschlüssel
Douilles tournevis

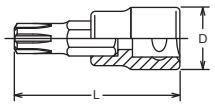


4025-60 (T)	D (mm)	L (mm)	(g)	(pcs.)
T35	22	60	96	10

For T35 Special screws

4027-60/-100/-140

Bit Sockets for Ribe Screws
Steckschlüsselklingen für Ribe Schrauben
Douilles tournevis pour écrous profil Ribe

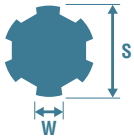


4027-60	D (mm)	L (mm)	(g)	(pcs.)
M 5	22	60	60	10
M 6	22	60	62	10
M 7	22	60	63	10
M 8	22	60	64	10
M 9	22	60	70	10
M10	22	60	74	10
M12	23	60	96	10
M13	24	60	116	10
M14	24	60	122	10
M16	24	60	135	10

4027-100	D (mm)	L (mm)	(g)	(pcs.)
M 5	22	100	67	10
M 6	22	100	68	10
M 7	22	100	75	10
M 8	22	100	81	10
M 9	22	100	90	10
M10	22	100	101	10
M12	23	100	134	10
M13	24	100	155	10
M14	24	100	173	10
M16	24	100	241	5

4027-140	D (mm)	L (mm)	(g)	(pcs.)
M 8	22	140	98	10
M10	22	140	127	5
M12	23	140	171	5
M14	24	140	226	5
M16	24	140	320	5

Ribe CV



CV		M5	M6	M7	M8	M9	M10	M12	M13	M14	M16
S	(ref. mm)	5	6	7	8	9	10	12	13	14	16
W	(ref. mm)	1.1	1.3	1.4	1.7	1.9	2.2	2.6	3.0	3.1	3.5

RS4027/7-L60

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4027/7-L60	7 Pieces set/Rail 200mm	(g)
M5, M6, M8, M10, M12, M14, M16		600

ST4027-140

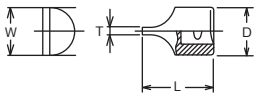
Head Bolt Bit Socket for VW/AUDI
Bit Steckschlüssel für Zylinderkopfschrauben VW/AUDI
Douilles tournevis spéciales pour boulons de culasse VW/AUDI

	D (mm)	L (mm)	(g)	(pcs.)
ST4027.140	23	140	155	10

Head Bolt Bit Socket for VW/AUDI
ST4027-140 can not substitute with 3027, 4027-CV bit series.

4101

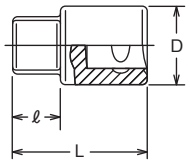
Sockets for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



4101	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
1	2.7×18.6	22	40	59	10
2	3.7×24	24	40	79	10
3	3.7×30	30	40	128	10

4110M/4110A

4-point Male Sockets
Öldienst-Steckschlüssel, Vierkant
Douilles mâles 4-pans

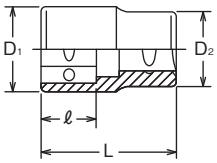


4110M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	24	10	32	57	10
10	24	10	32	62	10
10.5	24	10	32	64	10
12	24	10	32	64	10
13	24	10	32	66	10
13.5	24	10	32	67	10
19	25	15	37	101	10
20	26	15	37	114	10

4110A (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/8	24	10	32	62	10
1/2	24	10	32	64	10

4102

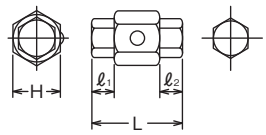
Adaptor for 106 Drain plug key
Halter für Öldienst-Einsätze 106
Porte embouts pour 106



4102 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
17	25	24	16	40	82	10

106

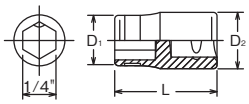
4-point / 6-point Male bits
Innenvierkant / Innensechskantsteckschlüssel
Embouts mâles 4-pans / 6-pans



106 (mm)	H (mm)	ℓ1 (mm)	ℓ2 (mm)	L (mm)	(g)	(pcs.)
8S×10S	17	8	8	32	40	10
8H×3/8H	17	8	8	32	38	10
10H×11H	17	8	8	32	42	10
12H×13H	17	8	8	32	47	10
14H×17H	17	8	8	32	55	10
19H	17	-	8	24	49	10

4137

Bit Holder
Klingenhalter
Porte-embouts



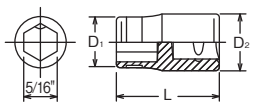
	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
4137	13	22	38	53	10

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour DIN3126 C6.3 Embouts

D6.3

4138

Bit Holder
Klingenhalter
Porte-embouts



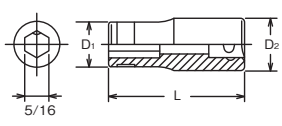
	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
4138	16	22	38	62	10

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour DIN3126 C8 Embouts

D8

4141

Bit Holder, extra deep for 131P-80, 131S-80, 131T-80
Klingenhalter, extra tief für 131P-80, 131S-80, 131T-80
Porte embout, ouverture longues pour 131P-80, 131S-80, 131T-80



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
4141	16	22	52	70	10

1/2”

3749S-1/2

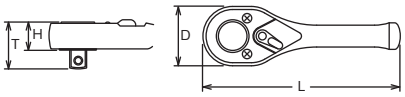
Reversible Ratchet Short
Knarre, verstellbar
Cliquet, réversible

S.O.D.H.-System | 2 Two-Step Dog | 24

* Renewal Kits → **3749SRK-1/2** ➡P267

3749SB-1/2

Reversible Ratchet short with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage



S.O.D.H.-System | 2 Two-Step Dog | 24 | Quick Release

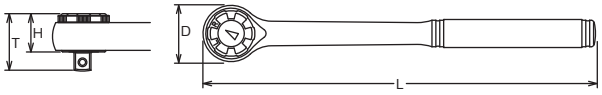
* Renewal Kits → **3749SBRK-1/2** ➡P267

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
3749S-1/2	34	29	14.4	110	200	5
3749SB-1/2	34	29	14.4	110	200	5

Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

4752J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible



L/R Marking | 45

* Renewal Kits → **4752RK** ➡P267

[L/R Marking]

A pointer and L/R markings on the ratchet head Indicate the turning direction.
The reduced diameter of the head allows easier access in tight spots.

Eine L/R Markierung auf dem Knarrenkopf zeigt die gerade eingestellte Drehrichtung an. Der geringe Kopfdurchmesser erleichtert das Arbeiten auch an schwer zugänglichen Stellen.

Un marquage L/R sur la tête de cliquet indique le sens de rotation.
Le diamètre de tête réduit et facilite le travail dans les endroits difficilement accessibles.

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4752J	35	38.8	24.5	250	470	1

GEAR TEETH

24	24	30	45	24
4749series	**4753series**	**4750series**	**4752series**	**4774series**

4750J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

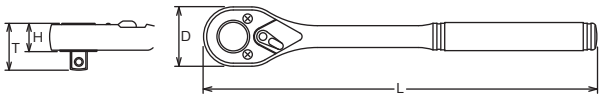
* Renewal Kits → **4750RK** ➡P267

4750P

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

* Renewal Kits → **4750RK** ➡P267

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4750J	38	35.9	21.3	250	508	1
4750P	38	35.9	21.3	250	553	1



4750JB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

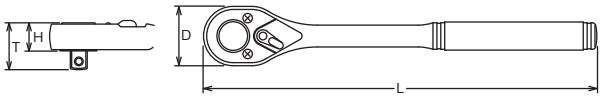
* Renewal Kits → **4750BRK** ➡P267

4750PB

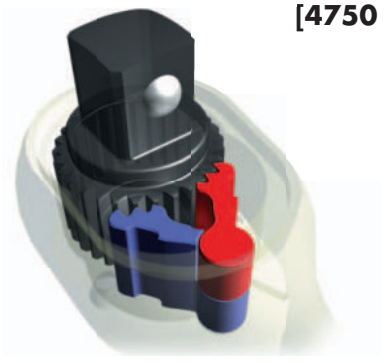
Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

* Renewal Kits → **4750BRK** ➡P267

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4750JB	38	35.9	21.3	250	508	1
4750PB	38	35.9	21.3	250	553	1



⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.



[4750 series]

Two dogs are set in the same axis and the three teeth hold the ratchet gear.
The enlarged contact area produces an about 10% higher torque value and the S.O.D.H system provides smooth and light movements.

Die scharnierartig eingelagerten Sperrklinken haben jetzt jeweils drei Zähne im Eingriff. Die dadurch vergrösserte Greiffläche erhöht das maximale Drehmoment um ca. 10%. Auch diese Knarre besticht durch ihren leichten und geschmeidigen Lauf.

Les deux rochets étant placés sur le même axe, les trois dents de l'engrenage sont engagées en permanence. Ce système assure une augmentation de 10% du couple maximum admissible. Ce cliquet se caractérise également par son fonctionnement souple et sans à-coup.

1/2”

4753J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.J-System | Two-Step Dog | 24

* Renewal Kits → **4753RK** ➡P267

4753P

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

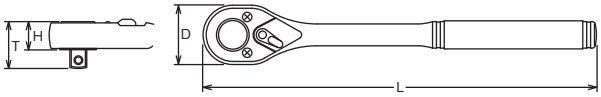
S.O.D.J-System | Two-Step Dog | 24

* Renewal Kits → **4753RK** ➡P267

D4753J

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.J-System | Two-Step Dog | 24



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4753J	38	36.2	21.6	250	545	1
4753P	38	36.2	21.6	250	570	1
D4753J	38	36.2	21.6	250	510	1

4753JB

Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

S.O.D.J-System | Two-Step Dog | 24 | push | Quick Release

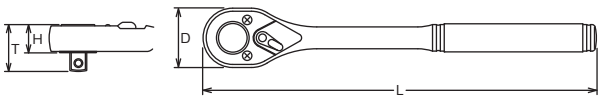
* Renewal Kits → **4753BRK** ➡P267

4753PB

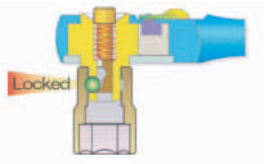
Reversible Ratchet with quick release button
Knarre, verstellbar mit Verriegelungsknopf
Cliquet, réversible avec bouton de débrayage

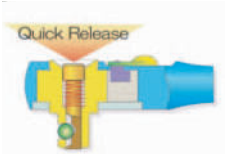
S.O.D.J-System | Two-Step Dog | 24 | push | Quick Release

* Renewal Kits → **4753BRK** ➡P267



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4753JB	38	36.2	21.6	250	545	1
4753PB	38	36.2	21.6	250	570	1





⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked. By pushing the button the sockets or extension bars are released from the ratchet.

Umstellbare Knarre mit Verriegelungsknopf :
Steckschlüssel und Zubehörteile werden sicher und fest gehalten. Bei Drücken des Knopfes lösen sich die Teile.

Cliquet réversible à verrouillage :
Les douilles et accessoires ne peuvent plus tomber. Une pression du pouce sur le bouton suffit pour les libérer.

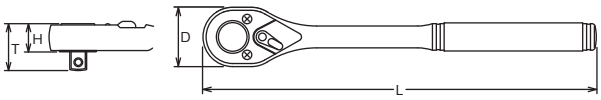
4749J-380

Reversible Ratchet (long)
Verstellbare Knarre, lang
Cliquet réversible, longues

S.O.D.H-System | 2 Two-Step Dog | 24

* Renewal Kits → 4749RK P267

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4749J-380	44.6	33	18.4	380	743	1



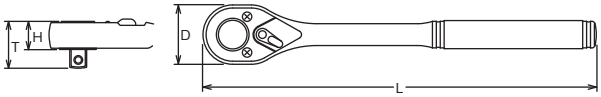
4753P-410

Reversible Ratchet (long)
Verstellbare Knarre, lang
Cliquet réversible, longues

S.O.D.H-System | 2 Two-Step Dog | 24

* Renewal Kits → 4753RK P267

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4753P-410	38	36.2	21.6	410	790	1



4774J

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet, articulé, réversible

S.O.D.H-System | 2 Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 4753RK P267

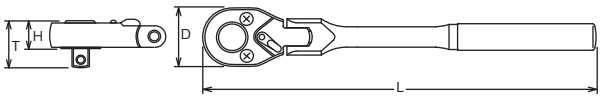
4774P

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet, articulé, réversible

S.O.D.H-System | 2 Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 4753RK P267

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4774J	38	36.2	21.6	330	685	1
4774P	38	36.2	21.6	330	700	1



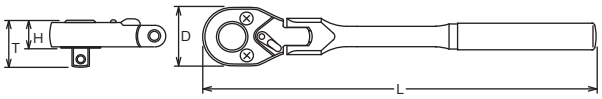
4774P-450

Flexible Ratchet, reversible
Gelenk-Knarre, verstellbar
Cliquet, articulé, réversible

S.O.D.H-System | 2 Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 4753RK P267

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4774P-450	38	36.2	21.6	450	790	1



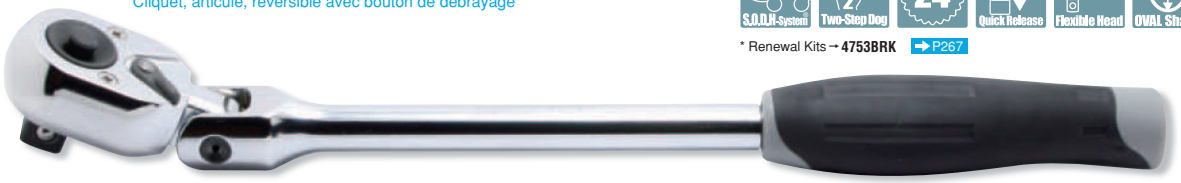
⚠ 4774P-450 has longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

4774JB

Flexible Ratchet, reversible with quick release button
Gelenk-Knarre, verstellbar mit Verriegelungsknopf
Cliquet, articulé, réversible avec bouton de débrayage

S.O.D.H-System | Two-Step Dog | 24 | Quick Release | Flexible Head | OVAL Shank

* Renewal Kits → 4753BRK ➡P267

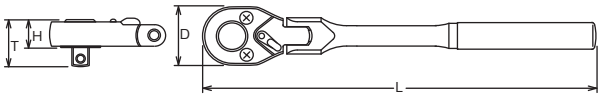


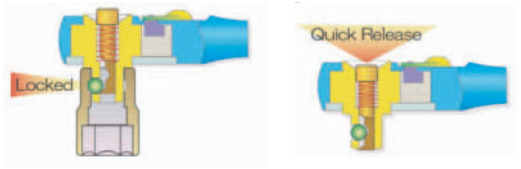
4774PB

Flexible Ratchet, reversible with quick release button
Gelenk-Knarre, verstellbar mit Verriegelungsknopf
Cliquet, articulé, réversible avec bouton de débrayage

S.O.D.H-System | Two-Step Dog | 24 | Quick Release | Flexible Head | OVAL Shank

* Renewal Kits → 4753BRK ➡P267





	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
4774JB	38	36.2	21.6	330	685	1
4774PB	38	36.2	21.6	330	700	1

⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked. By pushing the button the sockets or extension bars are released from the ratchet.

Umstellbare Knarre mit Verriegelungsknopf :
Steckschlüssel und Zubehörteile werden sicher und fest gehalten. Bei Drücken des Knopfes lösen sich die Teile.

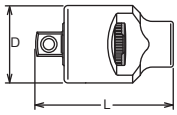
Cliquet réversible à verrouillage :
Les douilles et accessoires ne peuvent plus tomber. Une pression du pouce sur le bouton suffit pour les libérer.

4755

Ratchet Adaptor
Aufsteckknarre
Cliquet adaptable

45

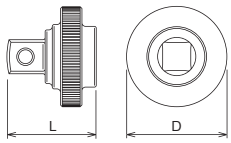
* Renewal Kits → 4755RK ➡P268



	D (mm)	L (mm)	(g)	(pcs.)
4755	33.5	65	270	5

4756

Quick Spinner
Rändel-Drehscheibe
Lanceur



	D (mm)	L (mm)	(g)	(pcs.)
New 4756	38	34.5	95	10

4768J-380/-450

Hinge Handles
Gelenkgriffe
Poignées articulées

OVAL Shank

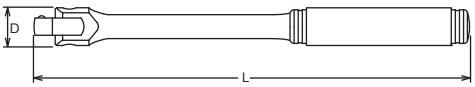
* Renewal Kits → 4768RK ➡P268

4768P-380/-450

Hinge Handles
Gelenkgriffe
Poignées articulées

OVAL Shank

* Renewal Kits → 4768RK ➡P268

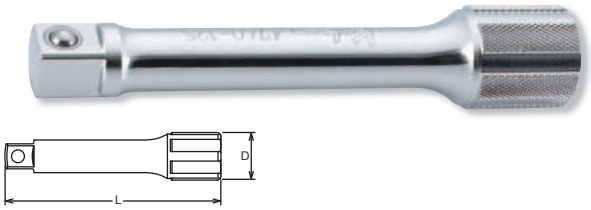


⚠ 4768-450 has longer handle than standard, and can be loaded to excessive torque value. Please use carefully.

	D (mm)	L (mm)	(g)	(pcs.)
4768J-380	28	380	600	1
4768J-450	28	450	690	1
4768P-380	28	380	665	2
4768P-450	28	450	748	2

4760-50/-75/-100/-125/-150/-200/-250/ -300/-400/-500/-600/-900/-1000

Extension Bars
Verlängerungen
Rallonges



4760	D (mm)	L (mm)	(g)	(pcs.)
50	24	50	92	10
75	24	75	138	10
100	24	100	158	5
125	24	125	194	5
150	24	150	266	5
200	24	200	295	5
250	24	250	358	5
300	24	300	492	2
400	24	400	650	1
500	24	500	808	1
600	24	600	968	1
900	24	900	1430	1
1000	24	1000	1593	1

PK4760/5

Extension Bars in Plastic Box
Verlängerungen in Kunststoff-Kassette
Rallonges en boîte plastique

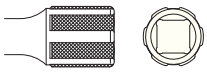
PK4760/5 — 5 Pieces Set/⚖=1,050g

PLASTIC TRAY

Extension Bars

4760 Extension Bars
50, 75, 125, 150, 250

Rotation and general handling of extensions with oily hands is greatly improved with the Koken developed 6 point knurling. Also the Koken 6 point knurling stops the extensions from rolling around the work area.

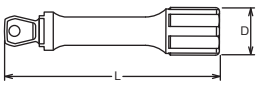


Durch die von Koken entwickelte 6 fache Rändelung wird die Handhabung deutlich erleichtert. Außerdem wird das Herumrollen der Verlängerungen wirksam verhindert.

La manipulation des rallonges est grandement facilitée par le profil moleté développé par Koken. Ce même profile empêche le roulement intempestif des rallonges sur le plan de travail.

4763-50/-75/-125/-150/-250/-400

Wobble-Fix Extension Bars
Winkel-Verlängerungen
Rallonges angulaires



4763	D (mm)	L (mm)	(g)	(pcs.)
50	24	50	95	10
75	24	75	111	10
125	24	125	157	5
150	24	150	181	5
250	24	250	357	5
New **400**	24	400	650	1

⚠ The Wobble-Fix Extension Bar has less strength than normal extension bar due to it's specific design with a reduced square drive. Make sure to use it correctly.

PK4763/5

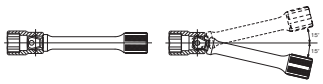
Wobble-Flx Extension Bars in Plastic Box
Winkel Verlängerungen in Kunststoff-Kassette
Rallonges angulaires en boîte plastique

PK4763/5 — 5 Pieces Set/⚖=950g

PLASTIC TRAY

Extension Bars

4763 Wobble-Fix Extension Bars
50, 75, 125, 150, 250

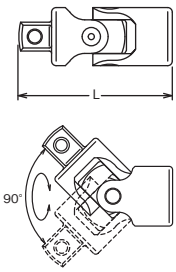


Wobble-Fix Extension Bar
Two way usage
a) In a fixed position, as a normal extension bar
b) In a half-fixed position, as a flexible extension bar providing a 15° angle operation

Winkel-Verlängerungen
Winkelverlängerungen lassen sich in zwei Einstellungen verwenden
a) voll eingesteckt und starr,
b) halb eingesteckt, mit elnem Arbeitswinkel von 15°.

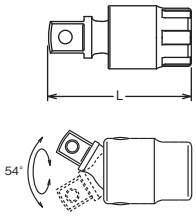
Rallonges angulaires
Deux utilisations possibles
a) comme rallonge normale, dans une position fixe
b) comme une rallonge angulaire avec une possibilité d'inclinaison jusqu'à 15°

4770
Universal Joint
Gelenk-Einsatz
Cardan universel



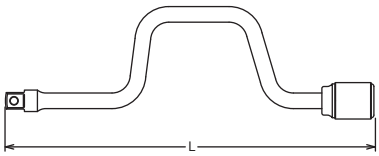
	L (mm)	(g)	(pcs.)
4770	62.4	150	10

4771
Universal Joint
Gelenk-Einsatz
Cardan universel



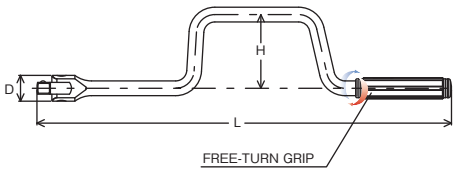
	L (mm)	(g)	(pcs.)
4771	57.7	113	10

4780-400
Speed Handle
Winde
Vilebrequin



	L (mm)	(g)	(pce.)
4780	400	644	1

4781N-450
Flexible Speed Handle
Gelenkgriff-Winde
Villebrequin



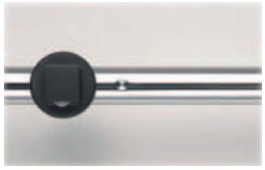
* Renewal Kits → **4768RK** P268

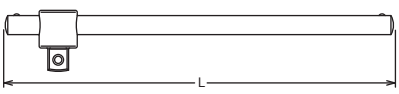
		D (mm)	H (mm)	L (mm)	(g)	(pce.)
New	4781N-450	28	80	450	1000	1

4785
T-Handle
T-Griff
Poignée coulissante

OVAL Shank

	L (mm)	(g)	(pcs.)
4785	300	410	2

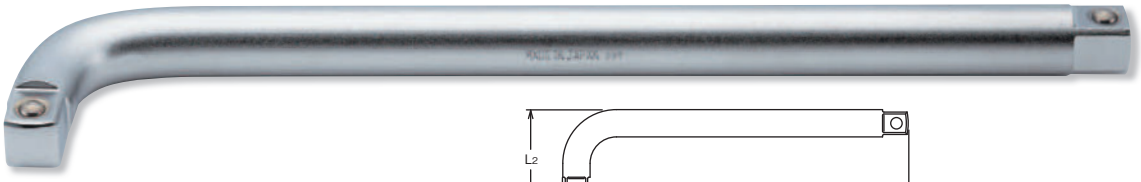


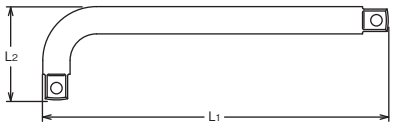


4747

OVAL Shank

L-Handle
L-Griff
Poignées en L



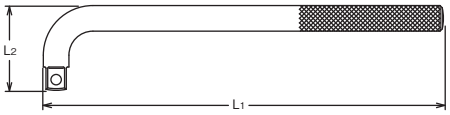


	L1 (mm)	L2 (mm)	(g)	(pce.)
4747	260	50	470	1

4788-250/-300/-450

L-Handles
L-Griffe
Poignées en L

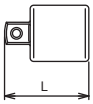
4788	L1 (mm)	L2 (mm)	(g)	(pcs.)
250	250	53	417	2
300	300	53	503	1
New **450**	450	53	750	1



4433A-35/-125/-250/-600

Adaptors
Verbindungsstücke
Réducteurs

Warranty 290Nm
Garantie 290Nm
Garantie 290Nm



4433A	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
35	1/2"	3/8"	35	50	10
125	1/2"	3/8"	125	164	5
250	1/2"	3/8"	250	275	5
600	1/2"	3/8"	600	530	1

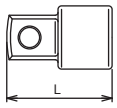
Items in this catalogue marked ⚠ can be loaded to torque values which may cause breakage.
In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastungen zu Bruch gehen. Aus Gründen Ihrer Sicherheit, sollten die betreffenden Werkzeuge nie ruckartig sondern nach und nach belastet werden, um Bruch und damit verbundene, mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

4466A

Adaptor
Verbindungsstück
Réducteurs



	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
4466A	1/2"	3/4"	42	108	10

4202

Drain Plug Keys Set
Öldienst-Satz
Jeu d'embouts pour le montage et démontage des bouchons de vidange

4202	7 Pieces Set/⚖=426g
METAL CASE:W190×H59×T45mm	
Sockets	
106 Drain Plug Keys 8S×10S, 8H×3/8H, 10H×11H, 12H×13H, 14H×17H, 19H	
4102 Drain Plug Key Adaptor	

4223M-01
4223M-06

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4223M-01	15 Pieces Set/=2,600g
4223M-06	15 Pieces Set/=2,600g

METAL CASE:W415×H120×T50mm

Sockets	Accessories
(4223M-01) **4401M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 (4223M-06) **4406M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22	**4753J** **4760-125** **4770**

S4240M-01
S4240A-00
S4240M-06
S4240A-05

Display Stands
Ausstellungsständer
Présentoirs

S4240M-01	4401M 117 Pieces Set/=13,000g
S4240M-06	4406M 117 Pieces Set/=13,000g

DISPLAY STAND:W510×H150×T230mm

Sockets		
10mm:9pcs	16mm:9pcs	24mm:6pcs
11mm:9pcs	17mm:8pcs	27mm:5pcs
12mm:9pcs	19mm:7pcs	30mm:5pcs
13mm:9pcs	21mm:7pcs	32mm:4pcs
14mm:9pcs	22mm:6pcs	
15mm:9pcs	23mm:6pcs	

S4240A-00	4400A 103 Pieces Set/=13,000g
S4240A-05	4405A 103 Pieces Set/=13,000g

DISPLAY STAND:W510×H150×T230mm

Sockets		
3/8" :9pcs	11/16":8pcs	1" :5pcs
7/16":9pcs	3/4" :7pcs	1.1/16":5pcs
1/2" :9pcs	13/16":7pcs	1.1/8" :5pcs
9/16":9pcs	7/8" :6pcs	1.3/16":5pcs
5/8" :9pcs	15/16":6pcs	1.1/4" :4pcs

P4241M-01
P4241M-06

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

P4241M-01	28 Pieces Set/=6,400g

METAL CASE:W425×H332×T65mm

Sockets	Accessories
4401M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	**4753J** **4760-125** **4760-250** **4768J-380** **4770** **4785**

P4241M-06	28 Pieces Set/=6,400g

METAL CASE:W425×H332×T65mm

Sockets	Accessories
4406M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	**4753J** **4760-125** **4760-250** **4768J-380** **4770** **4785**

4241M-01 / 4241M-06 / 4241M-10

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4241M-01	28 Pieces Set/△△=6,500g
4241M-06	28 Pieces Set/△△=6,500g
4241M-10	28 Pieces Set/△△=6,500g

METAL CASE:W446xH266xT50mm

Sockets	Accessories
(4241M-01) **4401M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	**4753J** **4760-125** **4760-250** **4768J-380** **4770** **4785**
(4241M-06) **4406M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	
(4241M-10) **4410M** Surface Drive Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	

4241A-00 / 4241A-05

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4241A-00	19 Pieces Set/△△=4,900g
4241A-05	19 Pieces Set/△△=4,900g

METAL CASE:W445xH190xT50mm

Sockets	Accessories
(4241A-00) **4400A** 6-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4	**4753J** **4760-125** **4760-250** **4768J-380** **4770** **4785**
(4241A-05) **4405A** 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4	

4249M-01 / 4249M-06

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4249M-01	20 Pieces Set/△△=4,800g
4249M-06	20 Pieces Set/△△=4,800g

METAL CASE:W445xH190xT50mm

Sockets	Accessories
(4249M-01) **4401M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30	**4753J** **4760-125** **4760-250** **4770** **4785**
(4249M-06) **4406M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30	

4250M-01 / 4250M-06 / 4250M-10

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4250M-01	18 Pieces Set/△△=4,700g
4250M-06	18 Pieces Set/△△=4,700g
4250M-10	18 Pieces Set/△△=4,700g

METAL CASE:W445xH190xT50mm

Sockets	Accessories
(4250M-01) **4401M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	**4753J** **4760-125** **4760-250** **4770** **4785**
(4250M-06) **4406M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	
(4250M-10) **4410M** Surface Drive Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	

4251M-01
4251M-06
4251M-10

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4251M-01	22 Pieces Set/=3,200g
4251M-06	22 Pieces Set/=3,200g
4251M-10	22 Pieces Set/=3,200g

METAL CASE:W330xH68xT48mm

Sockets	
(4251M-01) **4401M** 6-pt. Sockets	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32
(4251M-06) **4406M** 12-pt. Sockets	
(4251M-10) **4410M** Surface Drive Sockets	

4252M-01
4252M-06
4252M-10

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4252M-01	13 Pieces Set/=1,200g
4252M-06	13 Pieces Set/=1,200g
4252M-10	13 Pieces Set/=1,200g

METAL CASE:W168xH60xT42mm

Sockets	
(4252M-01) **4401M** 6-pt. Sockets	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
(4252M-06) **4406M** 12-pt. Sockets	
(4252M-10) **4410M** Surface Drive Sockets	

4254

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

4254	12 Pieces Set/=1,070g

METAL CASE:W215xH80xT47mm

Sockets	Accessories
3425- E6, E8	**4763-50**
4425- E10, E12, E14	**4433A-35**
3325- E6, E8	
4325- E10, E12, E14	

4262M-01
4262M-06
4262M-10

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4262M-01	20 Pieces Set/=4,400g
4262M-06	20 Pieces Set/=4,400g
4262M-10	20 Pieces Set/=4,400g

METAL CASE:W445xH190xT50mm

Sockets	Accessories
(4262M-01) **4401M** 6-pt. Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27	**4753J**
(4262M-06) **4406M** 12-pt. Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27	**4760-125**
(4262M-10) **4410M** Surface Drive Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27	**4760-250**
	4770
	4785

4272AM-01
4272AM-06

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

4272AM-01	29 Pieces Set/=5,000g
4272AM-06	29 Pieces Set/=5,000g

METAL CASE:W445xH190xT50mm

Sockets	Accessories
(4272AM-01) **4401M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 **4400A** 6-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 (4272AM-06) **4406M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 **4405A** 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	**4753J** **4760-125** **4760-250** **4770** **4785**

4275

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

4275	24 Pieces Set/=5,340g

METAL CASE:W445×H190×T50mm

Sockets	Accessories
4406M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 **4300C** Spark Plug Sockets 16, 20.8 **4300M** Wheel Nut Sockets 17(L60), 19(L60), 21(L60)	**4750J** **4760-125** **4760-250** **4768J-380** **4770** **4785**

4276

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

4276	17 Pieces Set/=2,890g

METAL CASE:W370×H150×T50mm

Sockets	Accessories
4010M.50 Bit Sockets 6, 7, 8, 10, 12, 14 **4025.60** TORX® Bit Sockets T20, T25, T27, T30, T40, T45, T50, T55, T60	**4752J** **4763-125**

4277

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

4277	27 Pieces Set/=5,660g

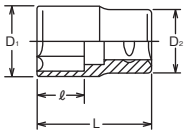
METAL CASE:W445×H190×T50mm

Sockets	Accessories
4406M 12-pt. Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 **4305M** 12-pt. Deep Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	**4750J** **4760-125** **4768J-380**

3/4”

6400M / 6400A

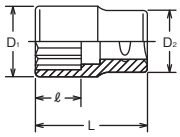
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



6400M 6405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
17	26	34	12.5	50	175	5
18	27	34	13	50	178	5
19	28.5	34	13.5	50	179	5
20	29.5	34	14	50	185	5
21	31	34	14.5	50	185	5
22	32	34	15	50	187	5
23	33.5	34	16	50	187	5
24	34.5	34	17	50	200	5
25	36	34	17.5	50	217	5
26	37	34	18	50	222	5
27	38.5	37	19	53	254	5
28	39.5	38	19.5	53	298	5
29	41	38	20	55	292	5
30	42	38	21	55	301	5
31	43.5	38	22	57	294	5
32	44.5	40	23	57	351	5
33	46	40	23.5	57	384	5
34	47	40	24	57	397	5
35	48.5	42	24.5	59	422	5
36	49.5	42	25	59	438	5
37	51	42	25.5	59	484	5
38	52	45	26	59	523	5
39	53.5	45	26.5	59	538	5
40	54.5	45	27	62	550	5
41	56	47	28	62	633	5
42	57	47	28.5	62	652	2
43	58.5	47	29	62	659	2
44	59.5	47	29.5	62	657	2
45	61	47	30	68	734	2
46	62	47	31	68	791	2
47	63.5	48	31.5	68	816	2
48	64.5	45	32	68	800	2
50	67	48	34	68	880	2
52	69.5	53	33	72	925	2
54	72	55	33	72	1040	2
55	73.5	53	36	72	1006	2
56	74.5	53	36	72	1092	2
57	76	53	36	72	1169	2
58	77	53	36	72	1149	2
60	79.5	58	39	76	1402	2
63	83.5	58	39	76	1494	2
65	86	63	42	80	1608	2
70	92	68	45	84	1785	2
75	98.5	73	48	86	2186	1
80	104.5	78	52	90	2475	1
85	111	78	52	90	2620	1

6405M / 6405A

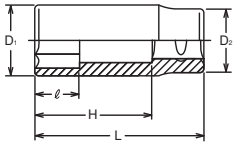
12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



6400A 6405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
11/16	27	34	13	50	178	5
3/4	28.5	34	13.5	50	179	5
25/32	29.5	34	14	50	185	5
13/16	31	34	14.5	50	185	5
7/8	32	34	15	50	187	5
15/16	34.5	34	17	50	200	5
31/32	36	34	17.5	50	217	5
1	37	34	18	50	222	5
1. 1/16	38.5	37	19	53	254	5
1. 1/8	41	38	20	53	292	5
1. 3/16	42	38	21	55	301	5
1. 1/4	44.5	40	23	57	351	5
1. 5/16	46	40	23.5	57	384	5
1. 3/8	48.5	42	24.5	57	422	5
1. 7/16	51	42	25.5	59	484	5
1. 1/2	52	45	26	59	523	5
1. 9/16	54.5	45	27	59	550	5
1. 5/8	56	47	28	62	633	5
1.11/16	58.5	47	29	62	659	2
1. 3/4	59.5	47	29.5	62	657	2
1.13/16	62	47	31	68	791	2
1. 7/8	64.5	45	32	68	892	2
1.15/16	66	48	32.5	68	870	2
2	68.5	52	34.5	68	949	2
2. 1/16	71	54	33	72	983	2
2. 1/8	72	55	33	72	1040	2
2. 3/16	74.5	53	36	72	1092	2
2. 1/4	76	53	36	72	1169	2
2. 5/16	78.5	53	36	72	1344	2
2. 3/8	79.5	58	39	76	1402	2
2. 7/16	82	58	39	76	1420	2
2. 1/2	84.5	58	39	76	1497	2
2. 9/16	86	63	42	80	1608	2
2. 5/8	88.5	63	42	80	1709	2
2.11/16	89.5	63	42	80	1634	2
2. 3/4	92	68	45	84	1785	2
2.13/16	94.5	68	45	84	2018	2
2. 7/8	96	68	45	84	2062	2
2.15/16	98.5	73	48	86	2186	1
3	101	73	48	86	2309	1
3. 1/8	104.5	78	52	90	2475	1

6300M / 6300A

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



6300M 6305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
17	26	34	18	64	90	278	5
18	27	34	19	64	90	281	5
19	28.5	34	20	64	90	292	5
20	29.5	34	21	64	90	334	5
21	31	34	22	64	90	343	5
22	32	34	23	64	90	347	5
23	33.5	34	24	64	90	361	5
24	34.5	34	25	64	90	352	5
25	36	34	26	64	90	369	5
26	37	34	27	64	90	384	5
27	38.5	37	28	64	90	425	5
28	39.5	38	29	63	90	470	5
29	41	38	30	63	90	503	5
30	42	38	31	63	90	503	5
31	43.5	38	32	62	90	517	5
32	44.5	40	34	62	90	544	5
33	46	40	34	62	90	557	5
34	47	40	35	61	90	570	5
35	48.5	42	36	61	90	622	5
36	49.5	42	37	61	90	631	2
38	52	45	39	60	90	710	2
40	54.5	45	41	60	90	742	2
41	56	47	42	59	90	802	2
42	57	47	43	59	90	829	2
44	59.5	47	45	59	90	838	2
46	62	47	47	58	90	906	2
48	64.5	50	49	57	90	998	2
50	67	48	51	57	90	1005	2
52	69.5	53	49	—	100	1270	2
53	71	54	49	—	100	1338	2
54	72	55	49	—	100	1351	2
55	73.5	53	52	—	100	1388	2
56	74.5	53	52	—	100	1389	2
57	76	53	52	—	100	1467	2
58	77	53	52	—	100	1480	2
60	79.5	58	55	—	100	1626	2
63	83.5	58	55	—	100	1740	2

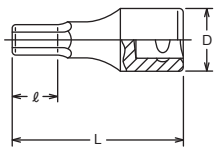
6305M / 6305A

12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues, 12-pans

6300A 6305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
3/4	28.5	34	20	64	90	292	5
25/32	29.5	34	21	64	90	334	5
13/16	31	34	22	64	90	343	5
7/8	32	34	23	64	90	347	5
15/16	34.5	34	25	64	90	352	5
1	37	34	27	64	90	384	5
1. 1/16	38.5	37	28	64	90	425	5
1. 1/8	41	38	30	63	90	503	5
1. 3/16	42	38	31	63	90	503	5
1. 1/4	44.5	40	34	62	90	544	5
1. 5/16	46	40	34	62	90	557	5
1. 3/8	48.5	42	36	61	90	622	5
1. 7/16	51	42	38	61	90	656	2
1. 1/2	52	45	39	60	90	710	2
1. 9/16	54.5	45	41	60	90	742	2
1. 5/8	56	47	42	59	90	802	2
1.11/16	58.5	47	44	59	90	831	2
1. 3/4	59.5	47	45	59	90	838	2
1.13/16	62	47	47	58	90	906	2
2	68.5	52	52	57	90	1061	2
2. 1/16	71	54	49	—	100	1338	2
2. 1/8	72	55	49	—	100	1351	2
2. 3/16	74.5	53	52	—	100	1389	2
2. 1/4	76	53	52	—	100	1467	2
2. 5/16	78.5	53	52	—	100	1787	2
2. 3/8	79.5	58	55	—	100	1626	2
2. 7/16	82	58	55	—	100	1715	2

6012M-75

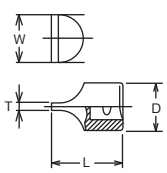
Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



6012M-75 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
12	35	15.5	75	253	10
14	35	15.5	75	265	10
15	35	15.5	75	280	10
16	35	15.5	75	285	10
17	35	15.5	75	292	10
18	35	15.5	75	302	10
19	35	15.5	75	312	10
20	35	15.5	75	323	10
22	38	22.5	75	340	10
24	38	22.5	75	362	10
27	38	22.5	75	402	10
30	38	28.5	75	445	10
32	38	28.5	75	485	10
36	42	28.5	75	540	10

6101

Socket for Slotted Heads
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



	TxW (mm)	D (mm)	L (mm)	(g)	(pcs.)
6101	6.4x33.5	35	50	205	10

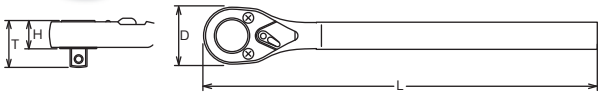
3/4”

6749 / 6749-1000

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.H-System | Two-Step Dog | 36

* Renewal Kits → 6749RK P267



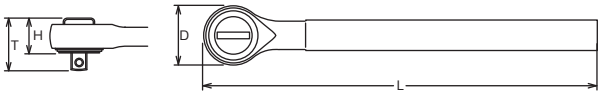
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
6749	68	49.6	29.6	565	2800	1
6749-1000	68	49.6	29.6	1000	3600	1

6752

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

60

* Renewal Kits → 6752RK P267



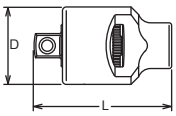
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
6752	67	55.5	35.5	500	2380	1

6755

Ratchet Adaptor
Aufsteckknarre
Cliquet adaptable

60

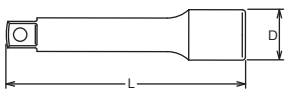
* Renewal Kits → 6755RK P268



	D (mm)	L (mm)	(g)	(pce.)
6755	62	97	1162	1

6760-75/-100/-125/-150/-200/-300/-400

Extension Bars
Verlängerungen
Rallonges

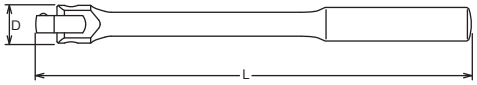


6760	D (mm)	L (mm)	(g)	(pcs.)
75	35	75	335	10
100	35	100	434	10
125	35	125	528	10
150	35	150	624	2
200	35	200	815	1
300	35	300	1203	1
400	35	400	1585	1

6768

Hinge Handle
Gelenkgriff
Poignée articulée

* Renewal Kits → 6768RK P268



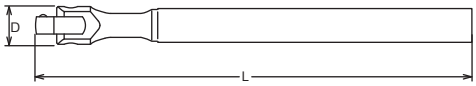
	D (mm)	L (mm)	(g)	(pce.)
6768	42	450	1715	1

6768-600/-1000

Hinge Handle
Gelenkgriff
Poignée articulée

* Renewal Kits → **6768RK** ➡P268

6768	D (mm)	L (mm)	(g)	(pce.)
600	42	600	2800	1
1000	42	1000	3400	1

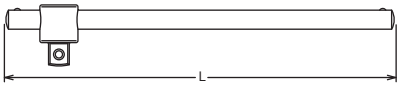


6785

T-Handle
T-Griff
Poignée coulissante

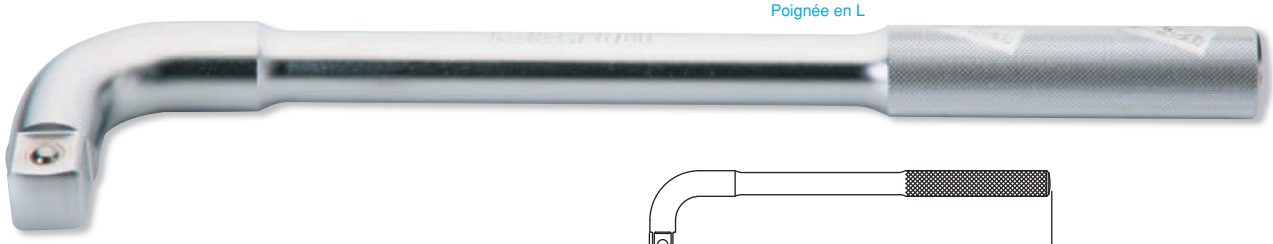
OVAL Shank

	L (mm)	(g)	(pce.)
6785	500	1542	1

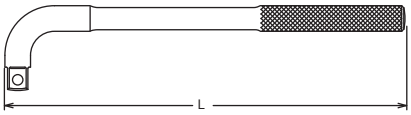


6788

L-Handle
L-Griff
Poignée en L

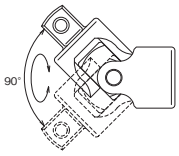


	L (mm)	(g)	(pce.)
6788	330	1175	1

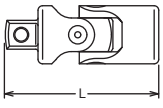


6770

Universal Joint
Gelenk-Einsatz
Cardan universel



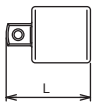
	L (mm)	(g)	(pcs.)
6770	105	478	2



6644A

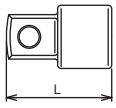
Adaptor
Verbindungsstück
Réducteur

Warranty 668Nm
Garantie 668Nm
Garantie 668Nm



6688A

Adaptor
Verbindungsstück
Augmentateur



	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
6644A	3/4"	1/2"	47	136	5
6688A	3/4"	1"	60	285	5

Adapting down from bigger square drive to smaller square drive may lead to excessive torque and possibly cause breakage.

6201M-00
6201A-00
6201M-05
6201A-05

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

6201M-00 / 6201M-05	16 Pieces Set/△=17,300g / 16 Pieces Set/△=17,300g

METAL CASE:W580xH200xT85mm

Sockets	Accessories
(6201M-00) **6400M** 6-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50, 55, 60 (6201M-05) **6405M** 12-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50, 55, 60	**6749** **6760-200** **6760-400** **6768** **6785**

6201A-00 / 6201A-05	18 Pieces Set/△=17,600g / 18 Pieces Set/△=17,600g

METAL CASE:W580xH200xT85mm

Sockets	Accessories
(6201A-00) **6400A** 6-pt. Sockets 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.7/16, 1.1/2, 1.5/8, 1.11/16, 1.13/16, 1.7/8, 2 (6201A-05) **6405A** 12-pt. Sockets 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.7/16, 1.1/2, 1.5/8, 1.11/16, 1.13/16, 1.7/8, 2	**6749** **6760-200** **6760-400** **6768** **6785**

6212M-00
6212M-05

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

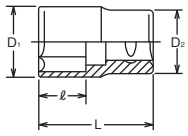
6212M-00 / 6212M-05	12 Pieces Set/△=8,200g / 12 Pieces Set/△=8,200g

METAL CASE:W580xH124xT70mm

Sockets	Accessories
(6212M-00) **6400M** 6-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50 (6212M-05) **6405M** 12-pt. Sockets 22, 24, 27, 30, 32, 36, 41, 46, 50	**6749** **6760-200** **6785**

8400M / 8400A

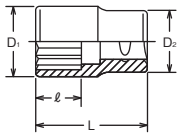
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



8400M 8405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)
24	36.5	44	17	60	360	1
27	40.5	44	19	60	362	1
30	44	45	21	65	410	1
32	46.5	45	23	65	455	1
33	48	46	23.5	65	485	1
35	50.5	48	24.5	65	536	1
36	51.5	48	25	65	600	1
38	54	50	26	65	624	1
40	56.5	53	27	65	686	1
41	58	53	28	68	747	1
42	59	53	28.5	68	789	1
46	64	53	31	72	928	1
50	69	53	34	72	943	1
54	74	55	37	72	1016	1
55	75.5	53	42	77	1167	1
58	79	53	41	77	1200	1
60	81.5	58	46	82	1440	1
63	85.5	58	45	82	1470	1
65	88	63	49	86	1683	1
67	90.5	63	49	86	1840	1
68	91.5	63	49	86	1800	1
70	94	68	50	88	1963	1
71	95.5	68	50	88	2200	1
75	100.5	73	53	90	2204	1
80	106.5	75	58	95	2550	1
83	110.5	78	57	95	2730	1
85	113	80	57	95	2680	1
90	119	80	59	100	3420	1
95	125.5	85	58	100	4900	1
100	131.5	85	57	100	4840	1

8405M / 8405A

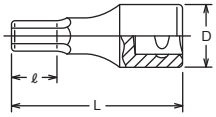
12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



8400A 8405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)
15/16	36.5	44	17	60	355	1
1. 3/16	44	45	21	65	410	1
1. 1/4	46.5	45	23	65	455	1
1. 5/16	48	46	23.5	65	485	1
1. 3/8	50.5	48	24.5	65	536	1
1. 7/16	53	50	25.5	65	607	1
1. 1/2	54	50	26	65	624	1
1. 9/16	56.5	53	27	65	686	1
1. 5/8	58	53	28	68	747	1
1.11/16	60.5	53	29	68	830	1
1. 3/4	61.5	53	29.5	68	807	1
1.13/16	64	53	31	72	928	1
1. 7/8	66.5	53	32	72	936	1
1.15/16	68	53	32.5	72	941	1
2	70.5	53	37	72	976	1
2. 1/16	73	54	37	72	1027	1
2. 1/8	74	55	37	72	1016	1
2. 3/16	76.5	53	41	77	1192	1
2. 1/4	78	53	41	77	1177	1
2. 5/16	80.5	53	41	77	1292	1
2. 3/8	81.5	58	46	82	1440	1
2. 7/16	84	58	45	82	1495	1
2. 1/2	86.5	58	45	82	1497	1
2. 9/16	88	63	49	86	1683	1
2. 5/8	90.5	63	49	86	1840	1
2.11/16	91.5	63	49	86	1800	1
2. 3/4	94	68	50	88	1963	1
2.13/16	96.5	68	50	88	2035	1
2. 7/8	98	70	50	88	2100	1
2.15/16	100.5	73	53	90	2204	1
3	103	75	53	90	2406	1
3. 1/8	106.5	75	58	95	2550	1
3. 1/4	110.5	78	57	95	2730	1
3. 3/8	114	80	57	95	3050	1
3. 1/2	119	80	59	100	3420	1
3. 3/4	125.5	85	58	100	4900	1

8012M-80

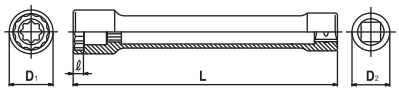
Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



8012M-80 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
17	44.2	15.5	80	400	5
19	44.2	15.5	80	410	5
22	47.9	22.5	80	436	5
24	47.9	22.5	80	471	5
27	47.9	22.5	80	526	5
30	47.9	22.5	80	658	5
32	47.9	22.5	80	715	5
36	54.2	22.5	80	945	5

8102M

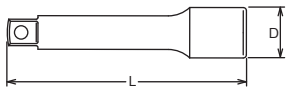
Extra long socket for wheel nuts
Extra lange Steckschlüssel für Radmuttern
Douilles extra-longues pour écrous de roue



8102M.400 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)
41Wx21W	58	49.9	14	400	2610
32	48.5	49.9	32	400	2210
33	49.8	49.9	32	400	2220

8760-200/-400

Extension Bars
Verlängerungen
Rallonges

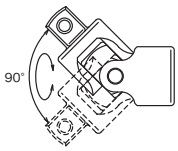


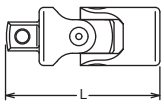
8760	D (mm)	L (mm)	(g)	(pce.)
200	44	200	1300	1
400	44	400	2570	1

8770

Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pce.)
8770	143	1170	1

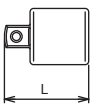




8866A

Adaptor
Verbindungsstück
Réducteur

Warranty 1850Nm
Garantie 1850Nm
Garantie 1850Nm



	(mm)	(mm)	L (mm)	(g)	(pcs.)
8866A	1"	3/4"	60	338	5

Adapting down from bigger square drive to smaller square drive may lead to excessive torque and possibly cause breakage.

Reduzierstücke sind mit Vernunft einzusetzen.
Es besteht Bruchgefahr. Überschreiten Sie niemals die Sicherheitsgrenzen.

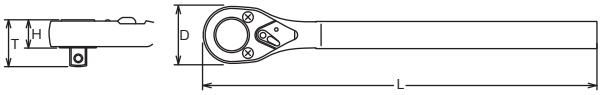
Les réducteurs doivent être utilisés avec modération. Ne dépassez jamais les limites de sécurité.

8749 Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

S.O.D.M-System · 2 Two-Step Dog · 36

* Renewal Kits → 8749RK ➡P267

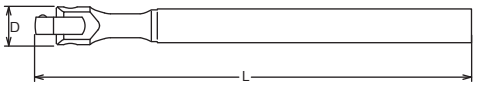
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
8749	70	62.2	36.2	800	4090	1



8768 Hinge Handle
Gelenkgriff
Poignée articulée

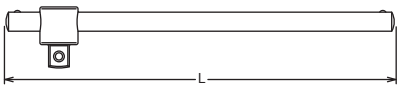
* Renewal Kits → 8768RK ➡P268

	D (mm)	L (mm)	(g)	(pce.)
8768	55	600	3190	1



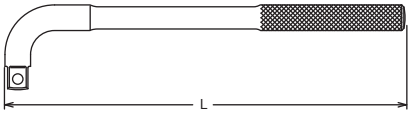
8785 T-Handle
T-Griff
Poignée coulissante

	L (mm)	(g)	(pce.)
8785	550	3190	1



8788 L-Handle
L-Griff
Poignée en L

	L (mm)	(g)	(pce.)
8788	600	3600	1



8225M-00
8225M-05

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

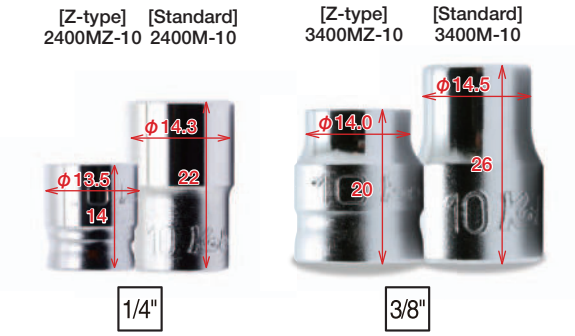
8225M-00	15 Pieces Set/⚖=27,000g
8225M-05	15 Pieces Set/⚖=27,000g

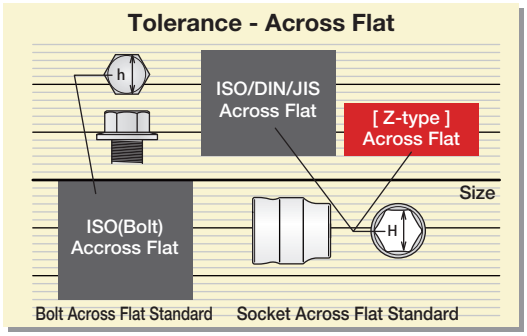
METAL CASE:W600×H217×T97mm

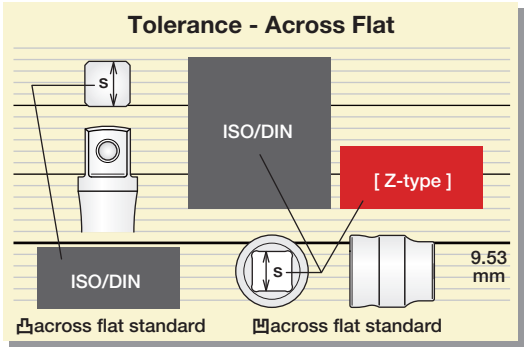
Sockets	Accessories
(8225M-00) **8400M** 6-pt. Sockets 32, 33, 36, 41, 46, 50, 55, 60, 65, 70, 75, 80	**8749**
(8225M-05) **8405M** 12-pt. Sockets 32, 33, 36, 41, 46, 50, 55, 60, 65, 70, 75, 80	**8760-200**
	8760-400

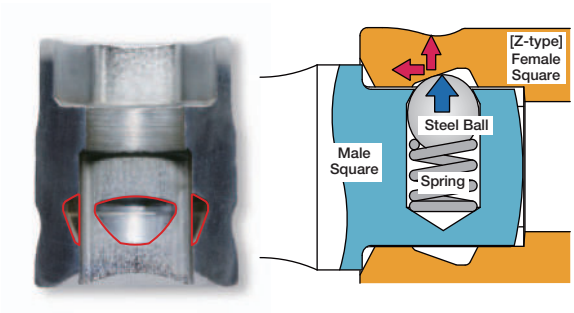
Z-SERIES
Z-SERIE
SERIES-Z

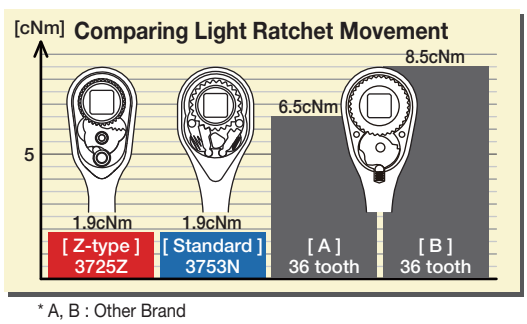
Z-Series : Feature











* A, B : Other Brand

COMPACT

2400MZ and 3400MZ are designed 5-9mm shorter than standard 2400M and 3400M which is ideal for working in confined and tight areas.

2400MZ und 3400MZ sind gegenüber unseren Standardausführungen 2400M und 3400M um 5-9mm kürzer. Dies erlaubt ein Arbeiten an schwer zugänglichen Stellen.

Les douilles 2400MZ et 3400MZ étant plus courtes de 5-9mm par rapport aux douilles standards, elles on l'avantage de faciliter le travail dans des endroits étroits et difficilement accessibles.

TOLERANCE-Hexagon Opening

The Hexagon openings of our Z-Sockets are produced with reduced tolerances (according to DIN/ISO) which achieve a more positive fit between bolt and socket.

Die Steckschlüsselöffnungen der Z-Serie werden mit geringeren Toleranzen (nach DIN/ISO) gefertigt um eine bessere, direktere Verbindung zwischen Schraube und Werkzeug zu gewährleisten.

Les douilles Ko-ken de la série Z sont fabriquées selon DIN/ISO comme toutes les douilles standards. Sauf que pour la série Z les tolérances sont plus restreintes afin d'atteindre un meilleur ajustement entre douille et vis.

TOLERANCE-Square Drive

To ensure a tighter fit between socket and handle, the male and female square drives are produced with shorter tolerances (according DIN/ISO).

Auch die Antriebsvierkante sind mit einer geringeren Toleranz (nach DIN/ISO) gefertigt um eine festere Verbindung zwischen Betätigungswerkzeug und Steckschlüssel zu ermöglichen.

Aussi les carrés mâles et femelles sont fabriqués avec des tolérances plus restreintes (selon DIN/ISO) afin de garantir une meilleure fixation entre cliquet et douille.

BALL HOLDING GROOVE

The inventive Ball Holding system of the Z-series allows a secure connection between Socket and Handle.

Die Werkzeuge der Z-Serie verfügen über spezielle Kugelfangrillen, die eine noch sicherere Verbindung zwischen Betätigungswerkzeug und Steckschlüssel gewährleisten.

La série Z dispose d'une rainure de fixation pour bille spéciale, qui améliore nettement la fixation entre douille et cliquet.

RATCHET HANDLE

Smaller head with 36 tooth gear and light ratchet movement allow working in narrow spaces and confined areas.

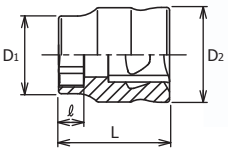
Der schmalere Knarrenkopf, mit leicht gängigem 36-Zahn Getriebe erlaubt ein Arbeiten an engen schwer zugänglichen Stellen.

La tête de cliquet réduit et un méchanisme à 36 dents plus léger facilite le travail dans des endroits difficilement accessibles.

2400MZ

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

	2400MZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**4**	6.4	11	3	14	6	10
New	**4.5**	7	11	3	14	6	10
New	**5**	7.6	11	3	14	6	10
New	**5.5**	8.2	11	3.5	14	6	10
New	**6**	8.8	11	3.5	14	6	10
New	**7**	9.9	11	3.5	14	6	10
New	**8**	11.1	11.7	4.5	15	7	10
New	**10**	13.5	12.5	7	15	8	10
New	**11**	14.7	13.2	7	15	9	10
New	**12**	15.9	14.4	7	15	11	10
New	**13**	17.1	15.6	7	15	14	10
New	**14**	18.3	16.8	7	15	16	10



RS2400MZ/12

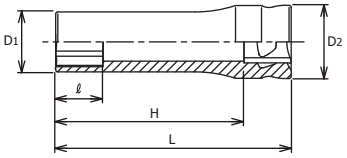
Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail avec aimant

	RS2400MZ/12	12 Pieces Set/Rail 200mm	(g)
New	**4, 4.5, 5, 5.5, 6, 7, 8, 10, 11, 12, 13, 14**		228

2300MZ

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans

	2300MZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**4**	6.4	11	5	40	50	14	10
New	**4.5**	7	11	5.5	40	50	16	10
New	**5**	7.6	11	6	40	50	16	10
New	**5.5**	8.2	11	6.5	40	50	16	10
New	**6**	8.8	11	7	40	50	17	10
New	**7**	9.9	11	8	40	50	20	10
New	**8**	11.1	11.7	9	40	50	22	10
New	**10**	13.5	12.5	11	39	50	29	10
New	**11**	14.7	13.2	12	39	50	33	10
New	**12**	15.9	14.4	13	39	50	40	10
New	**13**	17.1	15.6	14	39	50	45	10
New	**14**	18.3	16.8	16	38	50	51	10



RS2300MZ/12

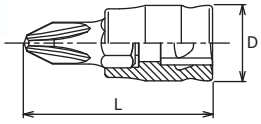
Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail avec aimant

	RS2300MZ/12	12 Pieces Set/Rail 200mm	(g)
New	**4, 4.5, 5, 5.5, 6, 7, 8, 10, 11, 12, 13, 14**		445

1/4”

2000Z-28

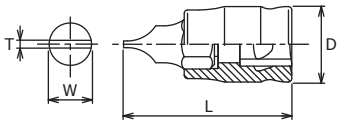
Phillips Bit Sockets
Steckschlüssel für Kreuzschlitzschrauben Phillips
Douilles tournevis pour vis à empreinte Phillips



	2000Z.28 (PH)	D (mm)	L (mm)	(g)	(pcs.)
New	**1**	11.2	28	9	10
New	**2**	11.2	28	10	10
New	**3**	11.2	28	10	10

2005Z-25

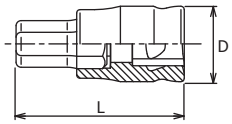
Bit Sockets for Slotted Head
Steckschlüssel für Schlitzschrauben
Douilles tournevis pour vis à fente



	2005Z.25	T × W (mm)	D (mm)	L (mm)	(g)	(pcs.)
New	**5**	1.0 × 5.5	11.2	25	9	10
New	**6**	1.2 × 6.5	11.2	25	10	10

2010MZ-25

Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



	2010MZ.25 (mm)	D (mm)	L (mm)	(g)	(pcs.)
New	**3**	11.2	25	9	10
New	**4**	11.2	25	9	10
New	**5**	11.2	25	10	10
New	**6**	11.2	25	10	10

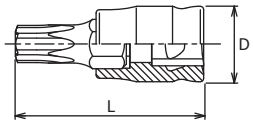
RS20XXZ/9

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail avec aimant

	RS20XXZ/9	9 Pieces Set/Rail 200mm	(g)
	2000Z.28	1, 2, 3	213
New	**2005Z.25**	5, 6	
	2010MZ.25	3, 4, 5, 6	

2025Z-28

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®



	2025Z.28 (T)	D (mm)	L (mm)	(g)	(pcs.)
New	**T10**	11.2	28	9	10
New	**T15**	11.2	28	9	10
New	**T20**	11.2	28	9	10
New	**T25**	11.2	28	10	10
New	**T27**	11.2	28	10	10
New	**T30**	11.2	28	10	10
New	**T40**	11.2	28	11	10

RS2025Z/7-L28

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail avec aimant

	RS2025Z/7-L28	7 Pieces Set/Rail 200mm	(g)
New	**T10, T15, T20, T25, T27, T30, T40**		195

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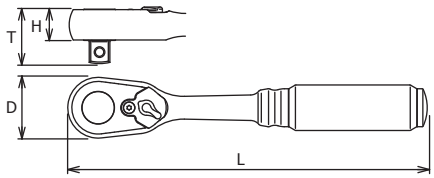
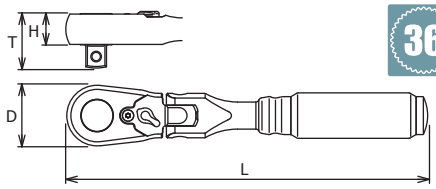


36

		D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
New	**2725Z**	20.5	17.1	9.5	114	79	1

* Renewal Kits→**2725RK** ➡P266



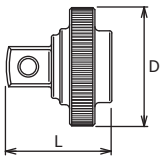
36 Flexible Head

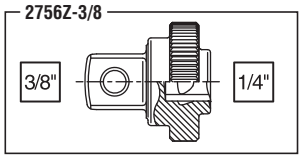
		D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
New	**2726Z**	20.5	17.1	9.5	114	103	1

* Renewal Kits→**2725RK** ➡P266

2760Z	D (mm)	L (mm)	(g)	(pcs.)
New **50**	11.5	50	21	10
New **100**	11.5	100	39	10
New **150**	11.5	150	58	10

		D (mm)	L (mm)	(g)	(pcs.)
New	**2771Z**	11.7	29.9	15	10





		D (mm)	L (mm)	(g)	(pcs.)
New	**2756Z**	20.3	18	15	10
New	**2756Z-3/8**	20.3	21.5	24	10

New **P2285Z** 26 Pieces Set/⚖=660g

PE foam insert:W245×H120×T45

Sockets	Accessories
2400MZ 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 10, 11,12, 13, 14	**2725Z**
2000Z.28 1, 2, 3	**2756Z**
2005Z.25 5, 6	**2771Z**
2010MZ.25 3, 4, 5, 6	**2760Z-50**
	2760Z-150

New **2285ZE** 10 Pieces Set/⚖=300g

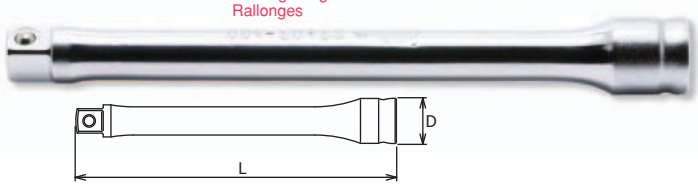
Rail 200mm/PLASTIC BAG

Sockets	Accessories
2400MZ 6-pt. Sockets 5.5, 6, 7, 8, 10, 12, 13, 14	**2725Z**
	2756Z

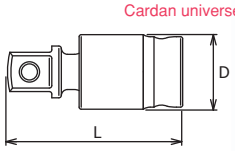
2725Z
Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

2726Z
Flexible Ratchet, Reversible (Short)
Gelenk-Knarre kurz, verstellbar
Cliquet articulé court, réversible

2760Z
Extension Bars
Verlängerungen
Rallonges



2771Z
Universal Joint
Gelenk-Einsatz
Cardan universel



2756Z
Quick Spinner
Rändel-Drehscheibe
Lanceur

2756Z-3/8
Quick Spinner, Adaptor
Rändel-Drehscheibe als Adaptor
Lanceur, adapteur

2756Z-3/8

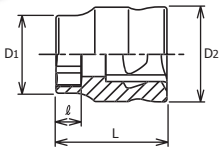
P2285Z
Set in PE-foam tray
Steckschlüsselsatz in Weichschaumeinlage
Set disposé dans boîte de rangement en mousse souple

2285ZE
Socket Sets
Steckschlüssel Sätze
Jeu de clés à douilles

3/8”

3400MZ

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



3400MZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5.5	8.5	17	3.5	19	16	10
6	9.1	17	3.5	19	17	10
7	10.3	17	3.5	19	17	10
8	11.5	17	4.5	20	17	10
10	14	17	4.5	20	18	10
11	15.3	17	5.5	21	18	10
12	16.5	17	5.5	21	19	10
13	17.8	17	8.5	21	19	10
14	19	17	8.5	21	20	10
15	20.2	18.2	8.5	21	24	10
16	21.3	19.3	8.5	21	28	10
17	22.5	20.5	8.5	21	32	10
18	23.6	21.6	9.5	22	38	10
19	24.8	22.8	9.5	22	41	10
21	27	25	10.5	23	51	10
22	28.3	26.3	10.5	23	58	10

3400MZ is designed 5-9mm shorter than standard 3400M.
Ideal for working in confined and tight areas.

RS3400MZ/8
RS3400MZ/12

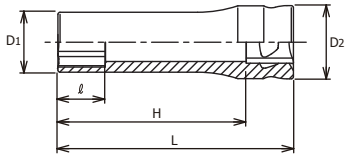
Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail avec aimant

RS3400MZ/8	8 Pieces Set/Rail 200mm	(g)
8, 10, 11, 12, 13, 14, 17, 19		320

RS3400MZ/12	12 Pieces Set/Rail 300mm	(g)
7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		490

3300MZ

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



3300MZ (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	10.3	17	8	41.5	55	29	10
8	11.5	17	9	41.5	55	34	10
10	14	17	11	41.5	55	43	10
11	15.3	17	12	41.5	55	45	10
12	16.5	17	13	41.5	55	49	10
13	17.8	17	14	41.5	55	52	10
14	19	17	16	41.5	55	55	10
15	20.2	18.2	16	40.5	55	65	10
16	21.3	19.3	17	40.5	55	74	10
17	22.5	20.5	18	40.5	55	83	10
18	23.6	21.6	19	39.5	55	90	10
19	24.8	22.8	20	39.5	55	95	10

RS3300MZ/8
RS3300MZ/12

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail avec aimant

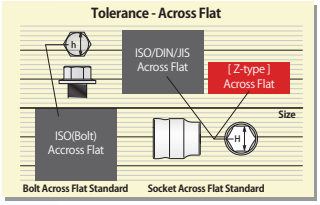
RS3300MZ/8	8 Pieces Set/Rail 200mm	(g)
8, 10, 11, 12, 13, 14, 17, 19		600

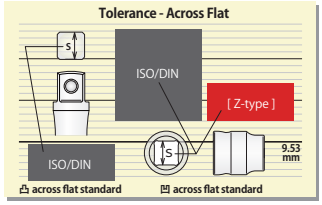
RS3300MZ/12	12 Pieces Set/Rail 300mm	(g)
7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		900

RS3X00MZ/12

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail avec aimant

RS3X00MZ/12	12 Pieces Set/Rail 300mm	(g)
3400MZ	8, 10, 11, 12, 13, 14, 17, 19	550
3300MZ	8, 10, 12, 14	





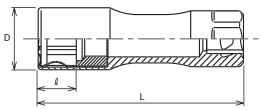
Manufacturing tolerance is precisely controlled to achieve a secure fitting.

3300CZ

Spark Plug Sockets with Spring Clips
Zündkerzen-Schlüssel mit Haltefeder
Douilles avec ressorts de retenues pour bougies

3300CZ (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	18.4	11	70	67	10
16	20.5	13	70	71	10
18	22.9	12	70	75	10
20.8	26.3	13.5	70	105	10

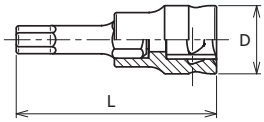
Slim & light weight body with smaller outside diameter for work in tight spaces.



3010MZ-50

Inhex Bit Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux

3010MZ.50 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	17	50	28	10
4	17	50	29	10
5	17	50	30	10
6	17	50	35	10
7	17	50	38	10
8	17	50	40	10
10	17	50	50	10
12	19	50	70	10



RS3010MZ/8-L50

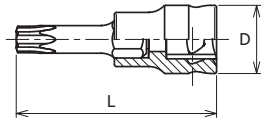
Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail avec aimant

RS3010MZ/8-L50	8 Pieces Set/Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		460

3025Z-50

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®

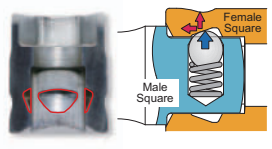
3025Z.50 (T)	D (mm)	L (mm)	(g)	(pcs.)
T10	17	50	27	10
T15	17	50	28	10
T20	17	50	28	10
T25	17	50	29	10
T27	17	50	30	10
T30	17	50	31	10
T40	17	50	35	10
T45	17	50	38	10
T50	17	50	48	10
T55	19	50	70	10



RS3025Z/8-L50

Socket Set on magnetic Rail
Steckschlüsselsatz auf Magnetschiene
Jeu de douilles sur rail avec aimant

RS3025Z/8-L50	8 Pieces Set/Rail 200mm	(g)
T20, T25 ,T27, T30, T40, T45, T50, T55		450



BALL HOLDING GROOVE

Original Ball Holding system is applied on Z-series. This mechanism gives secure connection between Socket and Handle.

Die Werkzeuge der Z-Serie verfügen über spezielle Kugelfangrillen, die eine noch sicherere Verbindung der Werkzeuge gewährleistet.

La série Z dispose d’une rainure de fixation pour bille, qui améliore rettement la connexion entre la douille et le cliquet.

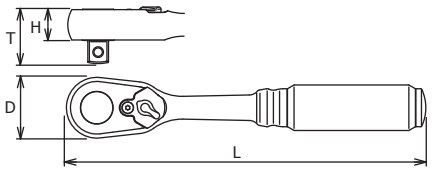
TORX® is a registered trademark of **Acument Intellectual Properties, LLC.**
TORX® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

3/8”

2725Z-3/8

Reversible Ratchet Short
Knarre kurz, verstellbar
Cliquet court, réversible

36



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
New 2725Z-3/8	20.5	20.5	9.5	114	83	1

3725ZS

Reversible Ratchet Short
Knarre kurz, verstellbar
Cliquet court, réversible

36

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3725ZS	28	24.5	13.7	100	157	1

* Renewal Kits → 3725RK ➔P266

3725Z

Reversible Ratchet
Knarre, verstellbar
Cliquet, réversible

36

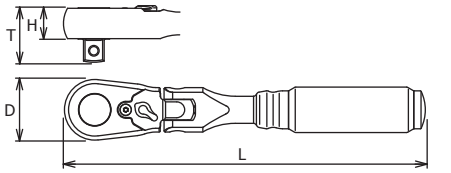
	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3725Z	28	24.5	13.7	178	254	1

* Renewal Kits → 3725RK ➔P266

2726Z-3/8

Flexible Ratchet, Reversible (Short)
Gelenk-Knarre kurz, verstellbar
Cliquet articulé court, réversible

36 Flexible Head



	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
New 2726Z-3/8	20.5	20.5	9.5	114	107	1

3726ZS

Flexible Ratchet, Reversible (Short)
Gelenk-Knarre kurz, verstellbar
Cliquet articulé court, réversible

36 Flexible Head

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3726ZS	28	24.5	13.7	120	196	1

* Renewal Kits → 3725RK ➔P266

3726Z

Flexible Ratchet, Reversible
Gelenk-Knarre, verstellbar
Cliquet articulé, réversible

36 Flexible Head

	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
3726Z	28	24.5	13.7	178	317	1

* Renewal Kits → 3725RK ➔P266

FEATURE

- Smaller head with New mechanism
- 36 teeth gear
- Light ratchet movement

- Schmalerer Kopf mit neuem Mechanismus
- 36 Zähne
- sehr leichtgängig

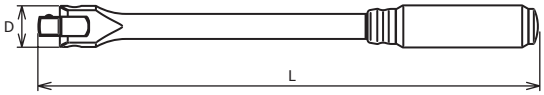
- Tête de cliquet plus petit avec nouveau mécanisme.
- Comprend 36 dents
- Mouvement plus fluide du cliquet

OVAL Shank

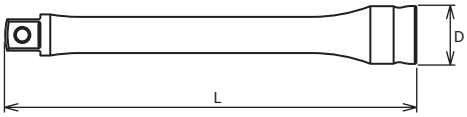
3768Z-250 Hinge Handle / Gelenkgriff / Poignée articulée

	D (mm)	L (mm)	(g)	(pce.)
3768Z-250	20.5	250	309	1

* Renewal Kits→ 3768ZRK ➡P268



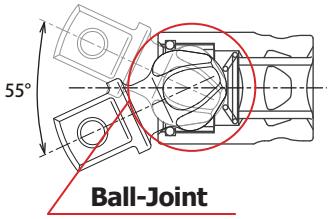
3760Z-75 · -125 · -250 Extension Bars / Verlängerungen / Rallonges

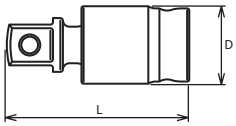


3760Z	D (mm)	L (mm)	(g)	(pcs.)
75	17.5	75	66	10
125	17.5	125	103	10
250	17.5	250	195	5

3771Z Universal Joint / Gelenk-Einsatz / Cardan universel

	D (mm)	L (mm)	(g)	(pcs.)
3771Z	18	42.5	44	10

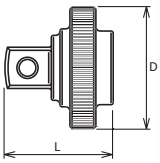




3756Z Quick Spinner / Rändel-Drehscheibe / Lanceur

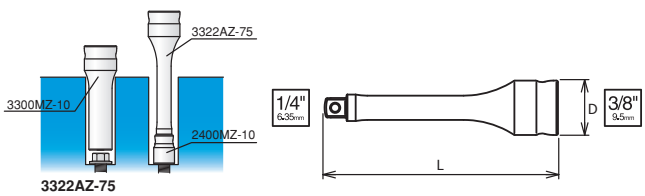
	D (mm)	L (mm)	(g)	(pcs.)
3756Z	28	25	40	10

Outside diameter is smaller compared to standard 3756.
Ideal for working in combination with 3725Z



3322AZ-75 Extension Adaptor / Verlängerungsadapter / Reduction adapteur-rallonge

	D (mm)	L (mm)	(g)	(pcs.)
New 3322AZ-75	17.5	75	42	10



3/8”

3285Z

Set in PE-foam tray
Steckschlüsselsatz in Weichschaumeinlage
Set disposé dans boîte de rangement en mousse souple

3285Z	26 Pieces Set/⚖=2,100g

PE foam insert:W390×T180×H25

Sockets	Accessories
3400MZ 6-pt. Sockets 5.5, 6, 7, 8, 10, 12, 13, 14, 17, 19, 21, 22	**3725Z**
3300MZ 6-pt. Deep Sockets 8, 10, 12, 14	**3756Z**
3300CZ Spark Plug Sockets 14, 16, 20.8	**3771Z**
	3768Z-250
	3760Z-75
	3760Z-125
	3760Z-250

3285ZA

Set in PE-foam tray
Steckschlüsselsatz in Weichschaumeinlage
Set disposé dans boîte de rangement en mousse souple

3285ZA	15 Pieces Set/⚖=750g

PE foam insert:W300×T90×H25

Sockets	Accessories
3400MZ 6-pt. Sockets 5.5, 6, 7, 8, 10, 12, 13, 14, 17, 19, 21, 22	**3725Z**
	3756Z
	3771Z

3285ZE

Socket Sets
Steckschlüssel Sätze
Jeu de clés à douilles

3285ZE	9 Pieces Set/⚖=600g

Rail 200mm/PLASTIC BAG

Sockets	Accessories
3400MZ 6-pt. Sockets 8, 10, 12, 13, 14, 17, 19	**3725Z**
	3756Z

RSAL200-1/4×12 · -3/8×8
RSAL300-3/8×12 · -1/2×10

Magnetic Rail
Magnetschiene
Rail avec aimant

	RSAL200	◻	RAIL (mm)	CLIP (pcs.)	⚖ (g)	(pce.)
New	**1/4×12**	1/4"	200	12	125	1
	3/8×8	3/8"	200	8	130	1

	RSAL300	◻	RAIL (mm)	CLIP (pcs.)	⚖ (g)	(pce.)
	3/8×12	3/8"	300	12	180	1
New	**1/2×10**	1/2"	300	10	190	1

RSAL-200 · -300
CLIP.P/5-1/4 · -3/8 · -1/2

Magnetic Rail
Magnetschiene
Rail avec aimant

RAIL

		RAIL (mm)	⚖ (g)	(pce.)
New	**RSAL200**	200	110	1
New	**RSAL300**	300	145	1

CLIP

	CLIP.P/5	◻	⚖ (g)	(pce.)
New	**1/4**	1/4"	10	5
New	**3/8**	3/8"	13	5
New	**1/2**	1/2"	20	5

Magnetic Rails and Clips loose, for your individual sets
Magnetschienen und Klammern lose, für Ihre individuellen Satzzusammenstellungen
Rail à aimant avec clips à l'unité, pour votre composition individuelle.

TITAN-SOCKETS & ACCESSORIES
TITAN STECKSCHLÜSSEL UND ZUBEHÖRTEILE
DOUILLES ET ACCESSOIRES TITAN

TI4261M

Socket Set Titanium
Steckschlüssel Satz Titanium
Jeu de clés à douille Titanium

Pentagon Drive

TI4261M — 18 Pieces Set/⚖=4,280g

WOODEN CASE:W445×H190×T60mm

Sockets	Accessories
TI4400M 6-pt. Sockets 8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24, 26, 27	**TI4749J** **TI4760-125** **TI4760-250** **TI4768J-380** **TI4770**

Characteristic of TITAN

Light weight : Makes it effective for operating tools.The specific gravity is only about 58% of chrome molybdenum steel which is used for our normal products.
Non-Corrosion : Corrosion Resistance is greatly improved against salt water and any kind of chemical products.
Non-Magnetic : Non-Magnetic material will prevent the tools from magnetizing.

Eigenschaften der TITAN Legierung

Geringes Gewicht : Das spezifische Gewicht liegt bei 58% herkömmlicher Chrom-Molybdän Stähle.
Korrosionsfest : Meerwasser oder Säuren hinterlassen keine Spuren.
Nicht magnetisch : Titan Werkzeuge lassen sich nicht magnetisieren.

Caractéristiques de l'alliage TITAN

Légèreté : Son poids spécifique n'est que 58% de celui de l'acier au chrome-molybdène utilisé pour tous nos produits standards.
Anti-corrosion : Aussi bien pour l'eau que pour tous les produits chimiques.
Anti-magnétique : La matériel magnétique utilisé empêche toute magnétisation de l'outil.

Pentagonal drive is designed to avoid using with normal square drive items, so that it will provide extra safety and much more strength.

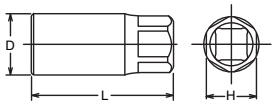
Der 5-kant Antrieb (Pentagon-Drive) gewährt einen kraftvollen Anzug und unterbindet aus Sicherheitsgründen die Verwendung von Zubehörteilen anderer Legierungen.

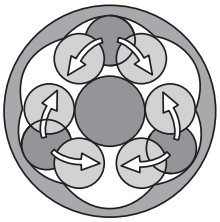
L'entraînement pentagonal est conçu pour obtenir un serrage puissant et pour empêcher l'utilisation d'accessoires traditionnels et ce pour des raisons de sécurité.

ACCESSORIES
ZUBEHÖRTEILE
ACCESSOIRES

4100M / 4100A

Screw and Stud Pullers
Stehbolzendreher
Extracteurs de goujons





Screw and Stud Pullers
Hexagon body design can lessen the excessive load on cages and rollers inside the pullers.

Stehbolzendreher
Der neue Körper mit sechs Walzenmulden verteilt den Druck auf Käfig und Walzen weitaus vorteilhafter.

Extracteurs de goujons
Le nouveau corps de forme hexagonale répartit l'effort de façon plus uniforme sur la cage et les rouleaux.

4100M (mm)	☐	D (mm)	L (mm)	H (mm)	(g)	(pcs.)
5	1/2"	24	65	21	145	10
6		24	65	21	150	10
7		24	65	21	150	10
8		24	65	21	147	10
9		28	75	21	217	10
10		28	75	21	213	10
10.5		28	75	21	202	10
11		28	75	21	218	10
12		28	75	21	209	10
14		34	75	27	326	5
16	–⚠	34	75	27	300	5

4100A (inch)	☐	D (mm)	L (mm)	H (mm)	(g)	(pcs.)
1/4	1/2"	24	65	21	150	10
5/16		24	65	21	147	10
3/8		28	75	21	213	10
7/16		28	75	21	218	10
1/2		28	75	21	191	10
9/16		34	75	27	326	5
5/8	–⚠	34	75	27	300	5

* Renewal Kits → **4100MRK/4100ARK** ➡P269

⚠ 4100M-16 and 4100A-5/8 do not have 1/2'' square drive.
Drive the outer hexagon part with 27mm sockets or ring wrenches.
Die Artikel 4100M 16mm und 4100A 5/8'' haben keinen 1/2'' Antriebsvierkant.
Bitte benutzen Sie den 27mm Aussensechskant.
Les articles 4100M-16 et 4100A-5/8" n'ont pas de carré entraînant 1/2" , veuillez utiliser l'hexagonal 6 pans 27 mm

Tolerance

4100M (mm)		4100A (inch)	
5	4.7- 5	**1/4**	6 - 6.4
6	5.6- 6	**5/16**	7.6- 8
7	6.6- 7	**3/8**	9 - 9.6
8	7.6- 8	**7/16**	10.5-11.1
9	8.4- 9	**1/2**	12.1-12.7
10	9.4-10	**9/16**	13.5-14.3
10.5	9.9-10.5	**5/8**	15.2-16
11	10.4-11		
12	11.4-12		
14	13.2-14		
16	15.2-16		

4211M / 4211A

Screw and Stud Pullers Sets
Stehbolzendreher im Satz
Jeux d'extracteurs de goujons

4211M — 4 Pieces Set/⚖=1,040g
METAL CASE:W215×H80×T47mm
PULLER
4100M Stud Pullers
6, 8, 10, 12

4211A — 4 Pieces Set/⚖=1,040g
METAL CASE:W215×H80×T47mm
PULLER
4100A Stud Pullers
1/4, 5/16, 3/8, 1/2

4214M

Screw and Stud Pullers Set
Stehbolzendreher im Satz
Jeux d'extracteurs de goujons

4214M — 5 Pieces Set/⚖=1,450g
METAL CASE:W215×H80×T47mm
PULLER
4100M Stud Pullers
6, 8, 10, 12, 14

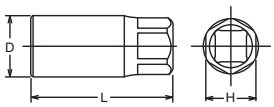
6100M

Screw and Stud Pullers
Stehbolzendreher
Extracteurs de goujons

6100M (mm)		D (mm)	L (mm)	H (mm)	(g)	(pce.)
18	3/4"	48	100	36	840	1
20		48	100	36	816	1
22		48	100	36	745	1
24		48	100	36	739	1
27	⚠	63	125	46	1707	1
28		63	125	46	1701	1
29		63	125	46	1696	1
30		63	125	46	1691	1

* Renewal Kits → **6100MRK** ➡P269

⚠ 6100M-22 to -30 do not have 3/4'' square drive.
Drive the outer hexagon part with sockets or ring wrenches
(size 22-24mm = 36H, 27-30mm = 46H.)
Die Stehbolzendreher ab Abmessung 22mm haben keinen 3/4'' Antriebsvierkant.
Bitte benutzen sie den Aussensechskant.



Tolerance

6100M (mm)	
18	16.9-18
20	18.8-20
22	20.8-22
24	22.7-24
27	25.7-27
28	26.7-28
29	27.6-29
30	28.6-30

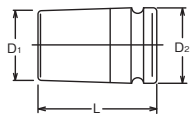
14100M / 14100A

IMPACT Screw and Stud Pullers
IMPACT Stehbolzendreher
Extracteurs de goujons IMPACT

14100M (mm)		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
6	1/2"	24	25	48	126	10	*1
7		24	25	48	126	10	*1
8		24	25	48	122	10	*1
9		28	30	48	181	10	*2
10		28	30	48	181	10	*2
12		28	30	48	175	10	*2

14100A (inch)		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
1/4	1/2"	24	25	48	126	10	*1
5/16		24	25	48	122	10	*1
3/8		28	30	48	181	10	*2
7/16		28	30	48	181	10	*2
1/2		28	30	48	180	10	*2

*1 C-Ring=1401C,Pin/O-Ring=1401A/B
*2 C-Ring=1402C,Pin/O-Ring=1402A/B ➡P242-243

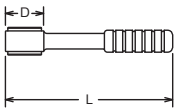


Tolerance

14100M (mm)		14100A (inch)	
6	5.6- 6	**1/4**	6 - 6.4
7	6.6- 7	**5/16**	7.6- 8
8	7.6- 8	**3/8**	9 - 9.6
9	8.4- 9	**7/16**	10.5-11.1
10	9.4-10	**1/2**	12.1-12.7
12	11.4-12		

141S / 141

Stud Puller Ratchets
Stehbolzenausdreher-Knarren
Dégoujoneuses à cliquet



141S (mm)	D (mm)	L (mm)	(g)	(pce.)
6	28	120	150	1
8	28	120	150	1
10	32	120	153	1
12	32	120	152	1

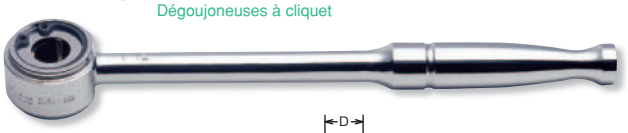
141S (inch)	D (mm)	L (mm)	(g)	(pce.)
5/16	28	120	150	1
3/8	32	120	153	1
1/2	32	120	152	1

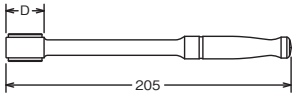
141 (mm)	D (mm)	L (mm)	(g)	(pce.)
6	28	205	215	1
8	28	205	215	1
10	32	205	234	1
12	32	205	233	1

141 (inch)	D (mm)	L (mm)	(g)	(pce.)
5/16	28	205	215	1
3/8	32	205	234	1
1/2	32	205	233	1

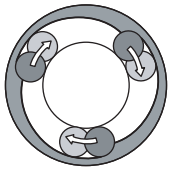
141P

Stud Puller Ratchets
Stehbolzenausdreher-Knarren
Dégoujoneuses à cliquet





141P (mm)	D (mm)	L (mm)	(g)	(pce.)
6	28	205	210	1
8	28	205	210	1
10	32	205	229	1
12	32	205	227	1



The three roller system can protect the studs from damage.
Das Drei-Rollen-System schont die Stehbolzen.
Le système à trois roulettes n'endommage pas les goujons.

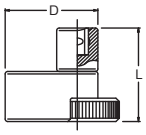
1201

Stud Puller Ratchets
Stehbolzenausdreher-Knarren
Dégoujoneuses à cliquet

1201	4 Pieces Set/=973g
METAL CASE:W240×H100×T32mm	
PULLER	
141S Stud Puller Ratchet 6, 8, 10, 12	

4104

Screw and Stud Puller
Stehbolzendreher
Extracteur de goujons

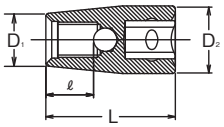


4104		Tolerance		D (mm)	L (mm)	(g)	(pcs.)
		min	max				
	1/2"	ϕ6	ϕ19	54	56	489	2

4103M

Stud Bolt Setters
Stehbolzensetzer
Monte-goujons

4103M (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)
6(1.0)	1/2"	10.3	22	9	37	54	10
7(1.0)		11.5	22	10	37	58	10
8(1.25)		13.2	22	11.5	37	62	10
10(1.25)		15.3	23	13	44	85	10
10(1.5)		15.3	23	13	44	85	10
12(1.25)		17.8	23	14	44	88	10
12(1.75)		17.8	23	14	44	88	10

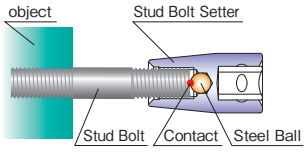


4203M
4203MF

Stud Bolt Setters Set
Stehbolzensetzer im Satz
Jeu de monte-goujons

4203M 4 Pieces Set/⚖=530g
METAL CASE:W130×H65×T26mm
Stud Bolt Setter
4103M Stud Bolt Setters
6(1.0), 8(1.25), 10(1.5), 12(1.75)

4203MF 4 Pieces Set/⚖=530g
METAL CASE:W130×H65×T26mm
Stud Bolt Setter
4103M Stud Bolt Setters
6(1.0), 8(1.25), 10(1.25), 12(1.25)



A special socket for installing a stud bolt.
Inside steel ball prevent the stud bolt stuck onto the socket. After installing a stud bolt, turn to anti-clockwise to removing the socket.

Spezialwerkzeug zum Setzen von Stehbolzen. Der Bolzen trifft im Werkzeug nur auf den Stahlbolzen, was die Kontaktfläche verringert. Nach dem Setzen des Stehbolzens kann das Werkzeug im Linkslauf vom Stehbolzen abgezogen werden.

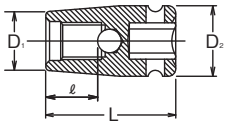
Douilles spéciales pour monter les goujons.
Le goujon est en contact avec une bille d'acier pour l'empêcher d'adhérer à la douille.
Après avoir posé le goujon, tourner dans le sens antihorlogique pour le retirer

13103M

Impact Stud Bolt Setters
Impact Stehbolzensetzer
Monte-goujons Impact

13103M (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)	
5(0.8)	3/8"	9.5	19	8	32	39	10	*1
6(1.0)		10.8	19	9	32	41	10	*1
7(1.0)		12.5	19	10	32	44	10	*1
8(1.25)		13.5	19	10.5	35	49	10	*1
10(1.25)		15.8	19	13	35	49	10	*1
10(1.5)		15.8	19	13	35	49	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P242-243

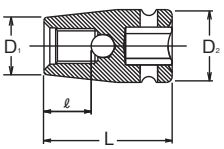


14103M

Impact Stud Bolt Setters
Impact Stehbolzensetzer
Monte-goujons Impact

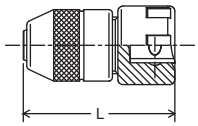
14103M (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)	
6(1.0)	1/2"	12	25	9	38	75	10	*1
7(1.0)		13.2	25	10	38	78	10	*1
8(1.25)		14.5	25	11.5	38	81	10	*1
10(1.25)		17	25	13	44	106	10	*1
10(1.5)		17	25	13	44	106	10	*1
12(1.25)		19.5	25	14	44	107	10	*1
12(1.75)		19.5	25	14	44	107	10	*1
14(1.5)		22	25	16	48	128	10	*1
14(2.0)		22	25	16	48	128	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P242-243

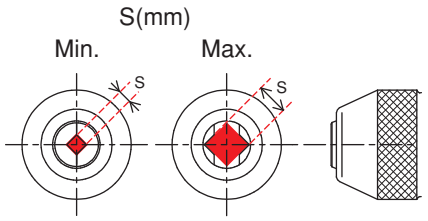


3131A

Adjustable Tap Holder
Halter für Gewindeschneider, einstellbar
Porte taraud, ajustable

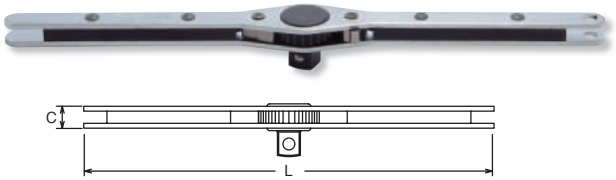


	3131A	⊿	S(mm) Min.	S(mm) Max.	L (mm)	(g)	(pcs.)
New	1	3/8"	2.0	5.0	40	85	5
New	2		4.5	8.0	45	140	5



160K

Reversible Rachet
Verstelbare Knarre
Cliquet réversible

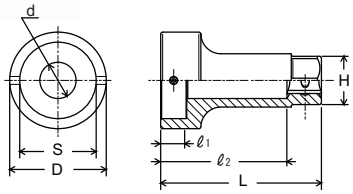


Tap is not included.
Gewindeschneider, nicht enthalten.
Taraud non inclus.

		⊿	C (mm)	L (mm)	(g)	(pce.)
	160K	3/8"	10	220	130	1
New	160K-1/2	1/2"	10	220	135	1

3132

Die Holder
Halter für Gewindeschneideisen
Porte-filière



		⊿	S (mm)	D (mm)	d (mm)	H (mm)	ℓ1 (mm)	ℓ2 (mm)	L (mm)	(g)	(pcs.)
New	3132-20	3/8"	20	28	8	17	7	46	60	130	5
New	4132-25	1/2"	25	34	14	22	9	42	60	170	2

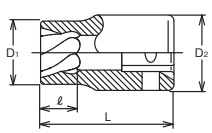
Die is not included.
Gewindeschneideisen, nicht enthalten.
Filière non inclus.

4132

Die Holder
Halter für Gewindeschneideisen
Porte-filière

2127 NUTTWISTER®

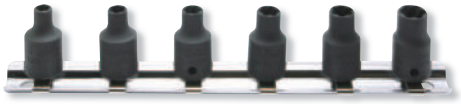
2127 (mm)	□	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
4	1/4"	7	13	4	23	14	10
4.5		7.4	13	4	23	14	10
5		8	13	5	23	14	10
5.5		8.8	13	5	23	14	10
6		9.5	13	6	23	14	10
7		10.9	13	6	23	14	10
8		11.5	13	8	23	14	10
9		13	13	8	23	15	10
9.5		13.8	13	10	23	16	10
10		14.8	13	10	23	17	10



RS2127/6 Socket Set on Rail

Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2127/6	6 Pieces Set/Rail 150mm	(g)
	4, 4.5, 5, 5.5, 6, 7	105



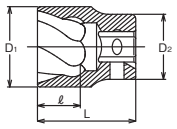
RS2127/10 Socket Set on Rail

Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS2127/10	10 Pieces Set/Rail 150mm	(g)
	4, 4.5, 5, 5.5, 6, 7, 8, 9, 9.5,10	180

3127 NUTTWISTER®

3127 (mm)	□	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	3/8"	11.5	19	8	32	40	10
9		13	19	8	32	40	10
9.5		13.8	19	8	32	41	10
10		14.8	19	10	32	41	10
11		16	19	10	32	43	10
12		17	19	12	32	44	10
13		18.5	19	12	32	46	10
14		19.7	19	14	32	48	10
15		20.7	19	14	32	52	10
16		22.2	22	14	32	66	10
17		23.5	22	16	35	80	10
19		26	22	16	35	92	10



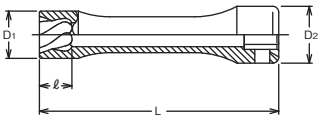
RS3127/8 Socket Set on Rail

Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS3127/8	8 Pieces Set/Rail 200mm	(g)
	8, 9, 10, 11, 12, 13, 14, 16	420

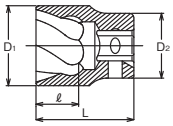
3128 (L80) NUTTWISTER® (Long type)

3128.80 (mm)	□	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	3/8"	13	19	6	80	58	10
9		14.5	19	6	80	61	10
10		15.8	19	8	80	66	10
11		17.2	19	8	80	70	10
12		18.5	19	10	80	77	10
13		19.7	19	10	80	80	10
14		21	19	12	80	82	10



4127

NUTTWISTER®



4127 (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
14	1/2"	19.7	30	14	42	125	10
17		23.5	30	16	42	137	10
19		26	30	16	42	146	10
21		28	30	17	42	153	10
22		29.5	30	17	42	158	10
24		32	30	18	42	174	10
25.4		33.5	30	18	42	183	10

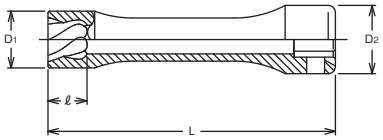
RS4127/6

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS4127/6	6 Pieces Set/Rail 200mm	(g)
17, 19, 21, 22, 24, 25.4		960

4128 (L120)

NUTTWISTER® (Long type)



4128.120 (mm)	☐	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
17	1/2"	25.8	30	16	120	227	10
19		28.4	30	16	120	247	10
21		31	30	17	120	262	10
22		32	30	17	120	259	10

A very effective method and easy solution for removing rounded off nuts, bolts and studs. The sharp edges of the NUTTWISTER® Socket opening will tighten around the nut, bolt or stud and turn it easily off.

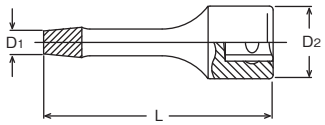
Eine einfache und wirkungsvolle Methode rund gedrehte Muttern und Bolzen herauszudrehen bzw. zu öffnen.
Die scharfen Kanten der gewundenen NUTTWISTER® Öffnung setzen sich um die Mutter bzw. den Schraubenkopf und drehen sie problemlos heraus.

Il existe une méthode simple mais efficace pour retirer les écrous et les boulons arrondis ainsi que les goujons et les dispositifs de verrouillage des jantes.
Les arêtes vives de la douille NUTTWISTER® vont <mordre> l'écrou, le boulon ou le goujon et permettre ainsi facilement son extraction.

3129-32/-60 BOLTTWISTER®

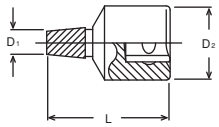
3129-32 (mm)		D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
2	3/8"	2	19	32	32	10
3		3	19	32	33	10
4		4	19	32	33	10
6		6	19	32	35	10
8		8	19	32	37	10
10		10	19	32	40	10

3129-60 (mm)		D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
2	3/8"	2	19	60	38	10
3		3	19	60	42	10
4		4	19	60	44	10
6		6	19	60	47	10
8		8	19	60	53	10
10		10	19	60	64	10



RS3129/6-L32	6 Pieces Set/Rail 150mm	(g)
2, 3, 4, 6, 8, 10		250

RS3129/6-L60	6 Pieces Set/Rail 150mm	(g)
2, 3, 4, 6, 8, 10		320



RS3129/6-L32/-L60

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

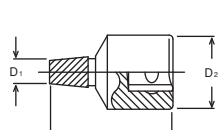
4129-37/-75 BOLTTWISTER®

4129-37 (mm)		D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
8	1/2"	8	24	37	59	10
10		10	24	37	63	10
12		12	24	37	67	10
14		14	24	37	72	10
16		16	24	37	78	10

4129-75 (mm)		D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
8	1/2"	8	24	75	80	10
10		10	24	75	94	10
12		12	24	75	110	10
14		14	24	75	130	10
16		16	24	75	150	10

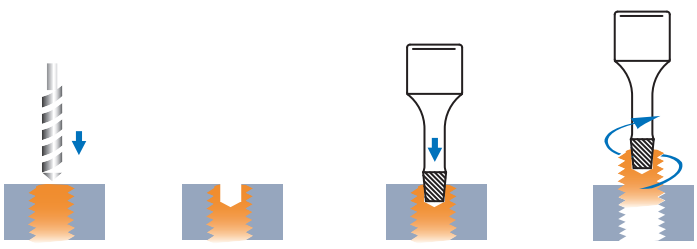
RS4129/5-L37	5 Pieces Set/Rail 150mm	(g)
8, 10, 12, 14, 16		370

RS4129/5-L75	5 Pieces Set/Rail 150mm	(g)
8, 10, 12, 14, 16		600



RS4129/5-L37/-L75

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

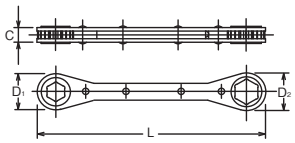


Effective method and easy solution for removing twisted off bolt. Drill a hole in the center of bolt and drive BOLTTWISTER® firmly into the hole. The sharp spiral edges will hold the broken bolt and easily remove it.

BOLTTWISTER	Bolt size	Drill size
2	M5	φ 2.4～ 2.6
3	M6	φ 3.2～ 3.5
4	M8	φ 4.2～ 4.5
6	M10～M12	φ 6.2～ 6.5
8	M14～M16	φ 8.2～ 8.5
10	M18～M20	φ10.2～10.5
12	M22～M24	φ12.2～12.5
14	M27～M30	φ14.2～14.5
16	M33	φ16.2～16.5

102NM / 102NA

Without reverse lever
Nicht umstellbar
Non réversible

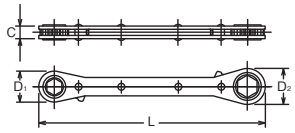


102NM (mm)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
6×7	108	15.3	16.4	7.5	60	10
7×8	108	15.3	16.4	7.5	60	10
8×9	134	17.1	19.7	7.5	80	10
8×10	134	17.1	19.7	7.5	80	10
10×11	140	20.1	22.7	7.5	87	10
10×12	140	20.1	22.7	7.5	87	10
12×13	145	23.6	24.6	9	112	10
12×14	145	23.6	24.6	9	112	10

102NA (inch)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
7/32× 1/4	108	15.3	16.4	7.5	60	10
1/4 × 9/32	108	15.3	16.4	7.5	60	10
1/4 × 5/16	108	15.3	16.4	7.5	60	10
5/16×11/32	134	17.1	19.7	7.5	80	10
5/16× 3/8	134	17.1	19.7	7.5	80	10
3/8 × 7/16	140	20.1	22.7	7.5	87	10
7/16× 1/2	145	23.6	24.6	9	112	10
1/2 × 9/16	145	23.6	24.6	9	112	10

102KM / 102KA

Reversible
Umstellbar
Réversible



102KM (mm)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
6×7	108	15.3	16.4	7.5	51	10
7×8	108	15.3	16.4	7.5	51	10
8×9	134	17	20	9	76	10
8×10	134	17	20	9	76	10
10×11	141	21	23.5	9	84	10
10×12	141	21	23.5	9	84	10
12×13	146	24	25	9	89	10
12×14	146	24	25	9	89	5
13×17	200	27.1	31.8	16	190	5
14×17	200	27.1	31.8	16	200	5

102KA (inch)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
7/32×1/4	108	15.3	16.4	7.5	51	10
1/4 ×5/16	108	15.3	16.4	7.5	51	10
3/8 ×7/16	141	21	23.5	9	84	10
1/2 ×9/16	146	24	25	9	89	10

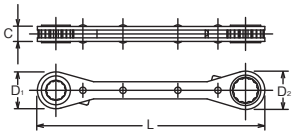
102KM/5

Ratcheting Ring Spanners in Plastic Box
Knarren Ringschlüssel in Kunststoff-Kassette
Clés hexagonales à cliquet en boîte plastique

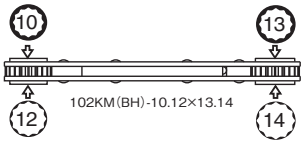
102KM/5	5 Pieces Set	(g)
6×7, 8×9, 10×11, 12×13, 12×14		399

102KM (BH)

With Twin Openings (Two-in-One)
Doppel-Ringschlüssel (zwei Öffnungen in einer)
Ouvertures doubles

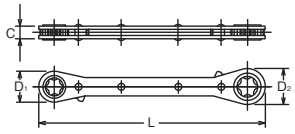


102KM.BH (mm)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
5.5• 6× 7• 8	108	15.3	16.4	10	60	10
8 •10×12•13	141	21	23.5	13	87	10
9 •10×11•12	141	21	23.5	13	87	10
10 •12×13•14	146	24	25	13	98	10
13 •14×15•17	200	27.1	31.8	16	200	5



102KT

Reversible TORX®
Umstellbar TORX®
Réversible TORX®



102KT (E)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
E 4×E 6	108	15.3	16.4	7.5	51	10
E 6×E 8	108	15.3	16.4	7.5	51	10
E10×E12	134	17	20	9	76	10

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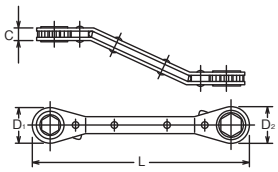
103KM / 103KA

Reversible
Umstellbar
Réversible

103KM (mm)	L (mm)	D_1 (mm)	D_2 (mm)	C (mm)	(g)	(pcs.)
6× 7	108	15.3	16.4	7.5	51	5
7× 8	108	15.3	16.4	7.5	51	5
8× 9	134	17	20	9	76	5
8×10	134	17	20	9	76	5
10×11	140	21	23.5	9	84	5
10×12	140	21	23.5	9	84	5
12×13	145	24	25	9	89	5
12×14	145	24	25	9	89	5



103KA (inch)	L (mm)	D_1 (mm)	D_2 (mm)	C (mm)	(g)	(pcs.)
7/32× 1/4	108	15.3	16.4	7.5	51	5
1/4 × 5/16	108	15.3	16.4	7.5	51	5
5/16×11/32	134	17	20	9	76	5
3/8 × 7/16	140	21	23.5	9	84	5
1/2 × 9/16	145	24	25	9	89	5

103KM/5

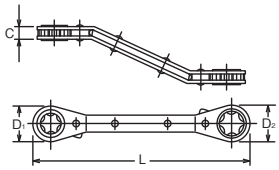
Ratcheting Ring Spanners in Plastic Box
Knarren Ringschlüssel in Kunststoff-Kassette
Clés hexagonales à cliquet en boîte plastique

103KM/5	5 Pieces Set	(g)
6×7, 8×9, 10×11, 12×13, 12×14		399

103KT

Reversible TORX®
Umstellbar TORX®
Réversible TORX®

103KT (E)	L (mm)	D_1 (mm)	D_2 (mm)	C (mm)	(g)	(pcs.)
E 4×E 6	104	15.3	16.4	7.5	51	5
E 6×E 8	104	15.3	16.4	7.5	51	5
E10×E12	128	17	20	9	76	5
E14×E16	139	24	25	9	89	5

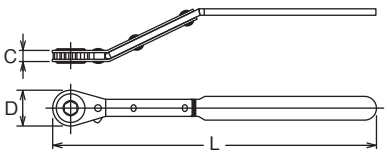


144KM

For Glow Plugs
Für Glühkerzen
Pour bougies de préchauffement

Glow Plug

144KM (mm)	L (mm)	D (mm)	C (mm)	(g)	(pce.)
8	200	22.7	7.5	95	1
12	200	22.7	7.5	102	1

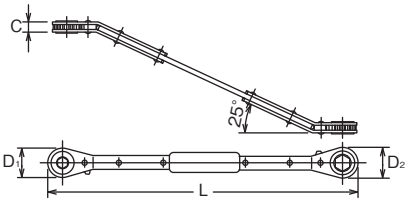


148KM

For Glow Plugs
Für Glühkerzen
Pour bougies de préchauffement

Glow Plug

148KM (mm)	L (mm)	D_1 (mm)	D_2 (mm)	C (mm)	(g)	(pce.)
8S×12	245	23.6	24.6	9	187	1



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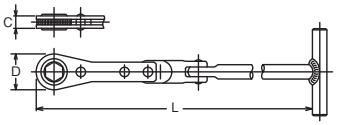
154M

Push and Pull-Ratchets
Hub-Knarren
Clé à cliquet de levage



154M (mm)	L (mm)	D (mm)	C (mm)	⚖ (g)	◇ (pcs.)
8	294	17.1	7.5	178	2
10	297	20.1	7.5	183	2
12	300	23.6	9	189	2
13	301	24.6	9	194	2
14	301	24.6	9	194	2

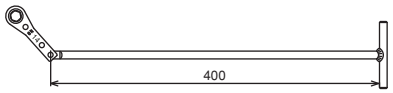
154ML

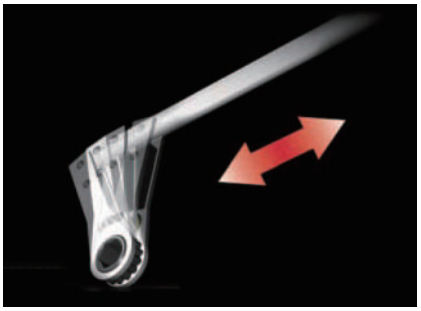
Push and Pull-Ratchets
Hub-Knarren
Clé à cliquet de levage

154ML (mm)	L (mm)	D (mm)	C (mm)	⚖ (g)	◇ (pcs.)
10	297	20.1	7.5	230	2
12	300	23.6	9	252	2

1206

Push and Pull-Ratchet
Hub-Knarre
Clé à cliquet de levage



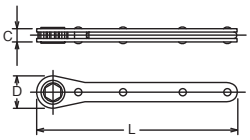


1206	3 Pieces Set/⚖=320g
CARDBOARD BOX	
Sockets	Accessory
150.14H Sockets 12, 14	**154K-14**

145KM-10H

Reversible, 10mm 6-pt.
Verstellbar SW10mm
Réversible 10mm

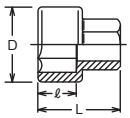
145KM (mm)	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
10H	125	20.1	7.5	72	10



150-10H

Sockets with 10mm 6-point Drive End
Steckschlüssel mit 10mm Sechskant-Antrieb
Douilles à conducteur de 10mm 6-pans mâle

150-10H (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5	12	3.5	11	6	10
6	12	4.5	12.5	7	10
7	12	5	14	7	10
8	12	6	15.5	7	10
9	13	6	16	7	10
10	14.3	7	17	9	10



1203

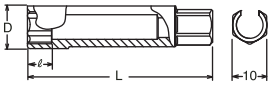
Sockets with 10mm 6-point Drive End in Set with Ratchet
Steckschlüssel mit 10mm Sechskant-Antrieb mit Knarre im Satz
Jeu de douilles à conducteur 10mm 6-pans mâle, avec cliquet

1203	7 Pieces Set/⚖=250g
METAL CASE:W130×H65×T20mm	
Sockets	Accessory
150.10H 5, 6, 7, 8, 9, 10	**145KM-10H**

178-10H

Glow Plug Socket
Glühkerzenschlüssel
Douilles pour bougies de prechauffement

178-10H (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
9	13	11	50	16	10



For the 9mm glow plugs for 2.2L Common Rail Diesel Engines, Fiat, Lancia, Peugeot and Citroën.

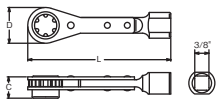
Mit diesem seitlich geschlitzten Steckschlüssel kann die Glühkerze auch dann eingesetzt oder gelöst werden, wenn das Kontaktkabel montiert bleibt. Anwendung: 2.2L Common Rail Diesel-Motoren bei FIAT, LANCIA, PEUGEOT und CITROËN.

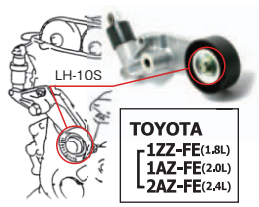
Pour les bougies de préchauffage des moteurs Diesel Common Rail 2.2L chez FIAT, LANCIA, PEUGEOT et CITROËN.

145LH3/8F

Belt Tension Pulley Wrench
Knarren-Ringschlüssel für Riemen-Spannrolle
Clé multicran à cliquet pour galet-tendeur

145LH3/8F (LH-S)	☐	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
10S	3/8"	100	25	15.5	90	10





Belt Tension Pulley Wrench
For LH-10S bolt on TOYOTA engines 1ZZ (1.8L), 1AZ (2.0L) and 2AZ (2.4L), belt tension pulley.

Knarren-Ringschlüssel für die LH-10S Schraube an der Riemen-Spannrolle von Toyota Motoren der Typenbezeichnungen 1ZZ(I.8L), 1AZ(2.0L) und 2AZ(2.4L).

Clé multicran à cliquet pour les vis LH-10S des poulies de tension des courroies des moteurs TOYOTA 1ZZ(1.8L), 1AZ(2.0L) et 2AZ(2.4L).

⚠ This item has less strength due to the special design.

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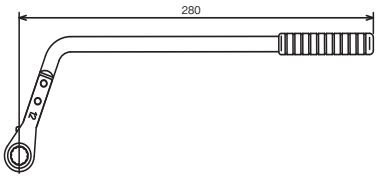
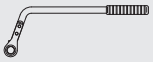
1210E

Door Hinge Wrench Set
Montagesatz für Kfz-Türscharniere
Jeux d'outils spéciaux pour charnières de portes



1210E	11 Pieces Set/⚖=460g
PLASTIC BAG	

Sockets/Bits	Accessory
179B.12H Sockets 10, 12, 13	 **145KD-12**
179B.12H XZN Bits M8, M10, M12	
179B.12H TORX® Bits T40, T45, T50	
179B.12H Hex Bit 8	

The handle is specially designed to reach narrow space for door hinge work.
The set contains various accessories, 12-pt. (bi-hex) sockets, XZN (triple square) bits, TORX bits and HEX bits, can be the solution of difficult door hinge work.

Durch den abgewinkelten Kopf der Knarre erreichen Sie leicht alle schwer zugänglichen Stellen bei Türschanieren, Kofferraumklappen und Motorhauben.
Die Bits werden mit einer Haltekugel sicher im Knarrenkopf gehalten, eine zusätzliche Anschlagfeder sorgt für sicheres Arbeiten.

Ce cliquet est spécialement étudié pour atteindre les endroits exigus comme les charnières de portes, les capots moteurs, etc.. Les embouts sont maintenus dans le cliquet par une bille et un ressort additionnel.

Applicable at: Audi, BMW, Citroën, Fiat, Ford, Lancia, Nissan,
Anwendbar bei: Smart, Mercedes, Opel, Peugeot, Renault, Rover,
Utisable sur: Seat, Skoda, Volkswagen

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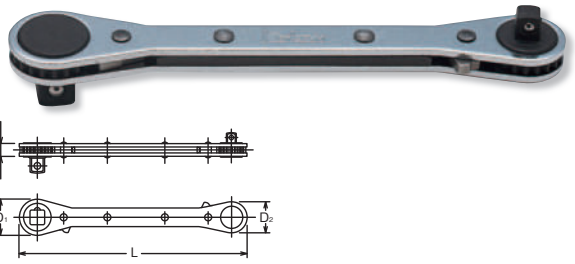
137

For 1/4" and 3/8" Square Drive Sockets
Für Steckschlüssel mit 1/4" und 3/8" Antrieb
Pour douilles d'une carre conducteur de 1/4" et 3/8"

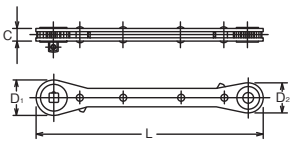


137	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
	141	23.5	21	9	104	5

1/4" × 3/8"

138

For Bits 101
Für Klingen 101
Pour embouts 101

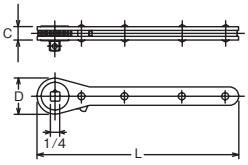


138	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
	141	23.5	21	9	97	10

1/4" × 1/4"

139

For 1/4" Square Drive Sockets
Für Steckschlüssel mit 1/4" Antrieb
Pour douilles d'une carre conducteur de 1/4"

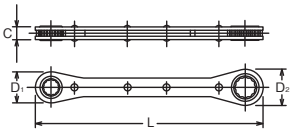


139	L (mm)	D (mm)	C (mm)	(g)	(pcs.)
	125	20.1	7.5	80	10

1/4"

R810

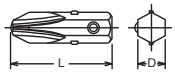
For Bits 101 and 128
Für Klingen 101 und 128
Pour embouts 101 é 128



R810 (inch)	L (mm)	D1 (mm)	D2 (mm)	C (mm)	(g)	(pcs.)
1/4×5/16	108	15.3	16.4	7.5	60	10
3/8×7/16	140	20.1	22.7	7.5	87	10
1/2×9/16	145	23.6	24.6	9	112	10

101P

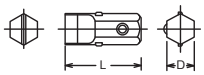
PH Bits
PH Bits
Embouts, PH



101P (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	20.5	3	10
2	6.35	20.5	4	10
3	6.35	20.5	5	10

101S

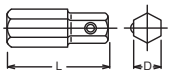
Slotted Bits
Schlitz Bits
Embouts, fente



101S	D (mm)	L (mm)	(g)	(pcs.)
1.0×7	6.35	15	3	10
1.2×7	6.35	15	3	10

101H

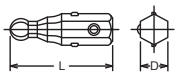
Hex Bits
Sechskant Bits
Embouts, 6 pans creux



101H (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	6.35	20.5	5	10
4	6.35	20.5	5	10
5	6.35	20.5	5	10
6	6.35	20.5	6	10
7	6.35	20.5	6	10
8	6.35	20.5	7	10

101B

Ball-point Hex Bits
Sechskant Bits
Embouts, 6 pans creux

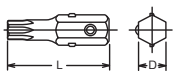


101B (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	6.35	25	4	10
4	6.35	25	4	10
5	6.35	25	5	10
6	6.35	25	5	10

Ball point bits have less strength due to the special design.
Make sure to use them correctly.

101T (T)

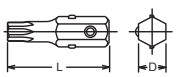
TORX® Bits
TORX® Bits
Embouts, TORX®



101T (T)	D (mm)	L (mm)	(g)	(pcs.)
T 9	6.35	25	4	10
T10	6.35	25	4	10
T15	6.35	25	5	10
T20	6.35	25	5	10
T25	6.35	25	5	10
T27	6.35	25	6	10
T30	6.35	25	6	10

101T (TH)

Tamper-Registant TORX® Bits
TORX® Bits
Embouts, TORX®



101T (TH)	D (mm)	L (mm)	(g)	(pcs.)
T10H	6.35	25	4	10
T15H	6.35	25	4	10
T20H	6.35	25	5	10
T25H	6.35	25	5	10
T27H	6.35	25	6	10
T30H	6.35	25	6	10

Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

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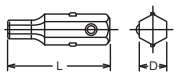
128H

Hex Bits
Sechskant Bits
Embouts, 6 pans creux

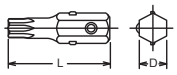
128H (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	8	32	11	10
4	8	32	11	10
5	8	32	12	10
6	8	32	12	10
8	8	32	13	10



128T

TORX® Bits
TORX® Bits
Embouts, TORX®

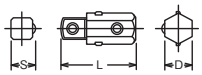
128T (T)	D (mm)	L (mm)	(g)	(pcs.)
T10	8	32	9	10
T15	8	32	9	10
T20	8	32	9	10
T25	8	32	10	10
T27	8	32	10	10
T30	8	32	11	10



101A

Adaptor
Verbindungsstück
Adaptateur

101A	D (mm)	S (mm)	L (mm)	(g)	(pcs.)
	8	6.35	20	8	10



1202

Bit Set
Bit-Satz
Jeu d'embouts

1202 — 15 Pieces Set/⚖=420g

METAL CASE: W190×H60×T30mm

Bits	Accessory
101P Phillips Bits 1, 2, 3	**138**
101S Slotted Bit 1×7	
101B Ballpoint Hex Bits 3, 4, 5, 6	
101T Torx® Bits T10, T15, T20, T25, T27, T30	

2254M

Bit Set
Bit-Satz
Jeu d'embouts

2254M — 12 Pieces Set/⚖=450g

METAL CASE:W160×H100×T28mm

Bits	Accessories
101P Phillips Bits 1, 2, 3	**102NA-1/4×5/16**
101S Slotted Bits 1×7, 1.2×7	**2769F**
101H Hex Bits 3, 4, 5	**101A**
	2137

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R810A
Bit Set
Bit-Satz
Jeu d'embouts

R810A	5 Pieces Set/⚖=208g
METAL CASE:W130×H65×T20mm	
Bits	Accessory
101P Phillips Bits 1, 2, 3	**102NA-1/4x5/16**
101S Slotted Bit 1×7	

R810B
Bit Set
Bit-Satz
Jeu d'embouts

R810B	10 Pieces Set/⚖=268g
METAL CASE:W130×H65×T20mm	
Bits	Accessory
101P Phillips Bits 1, 2, 3	**102NA-1/4x5/16**
101S Slotted Bit 1×7	
128H Hex Bits 3, 4, 5, 6, 8	

R810C
Bit and Socket Set
Bit und Steckschlüssel Satz
Jeu de douilles et d'embouts

R810C	12 Pieces Set/⚖=227g
METAL CASE:W130×H65×T20mm	
Bits,Sockets	Accessories
101P Phillips Bits 1, 2, 3	**102NA-1/4x5/16**
101S Slotted Bit 1×7	**101A**
2400M Sockets 5, 6, 7, 8, 9, 10	

R810D
Bit and Socket Set
Bit und Steckschlüssel Satz
Jeu de douilles et d'embouts

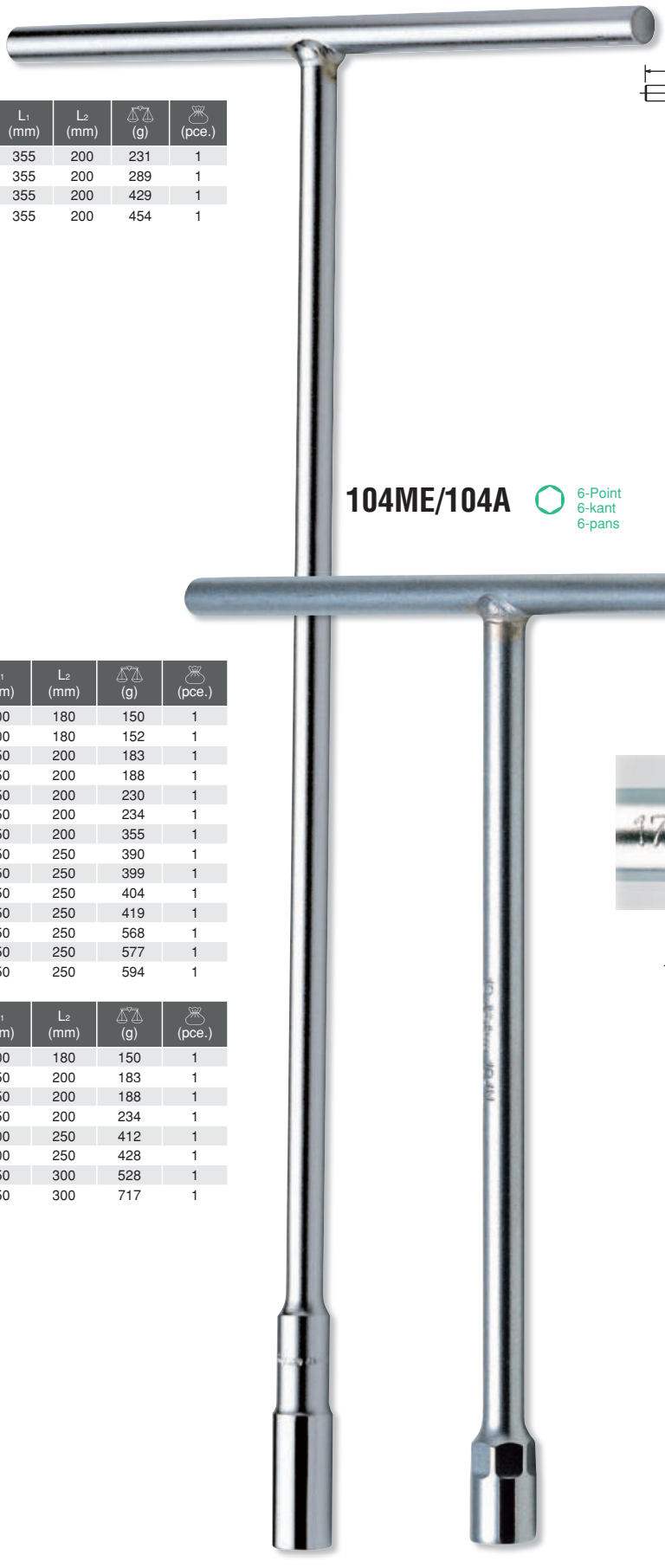
R810D	17 Pieces Set/⚖=336g
METAL CASE:W130×H65×T20mm	
Bits,Sockets	Accessories
101P Phillips Bits 1, 2, 3	**102NA-1/4x5/16**
101S Slotted Bit 1×7	**101A**
128H Hex Bits 3, 4, 5, 6, 8	
2400M Sockets 5, 6, 7, 8, 9, 10	

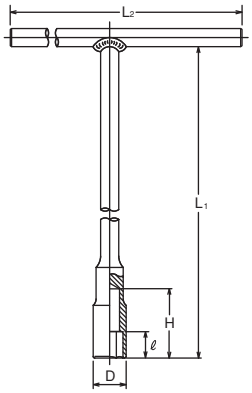
R810E
Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

R810E	9 Pieces Set/⚖=445g
METAL CASE:W130×H65×T20mm	
Sockets	Accessories
2300M Deep Sockets 6, 7, 8, 9, 10, 11, 12	**102NA-1/4x5/16**
	101A

156M

6-Point Deep
6-kant, lang
Longues 6-pans

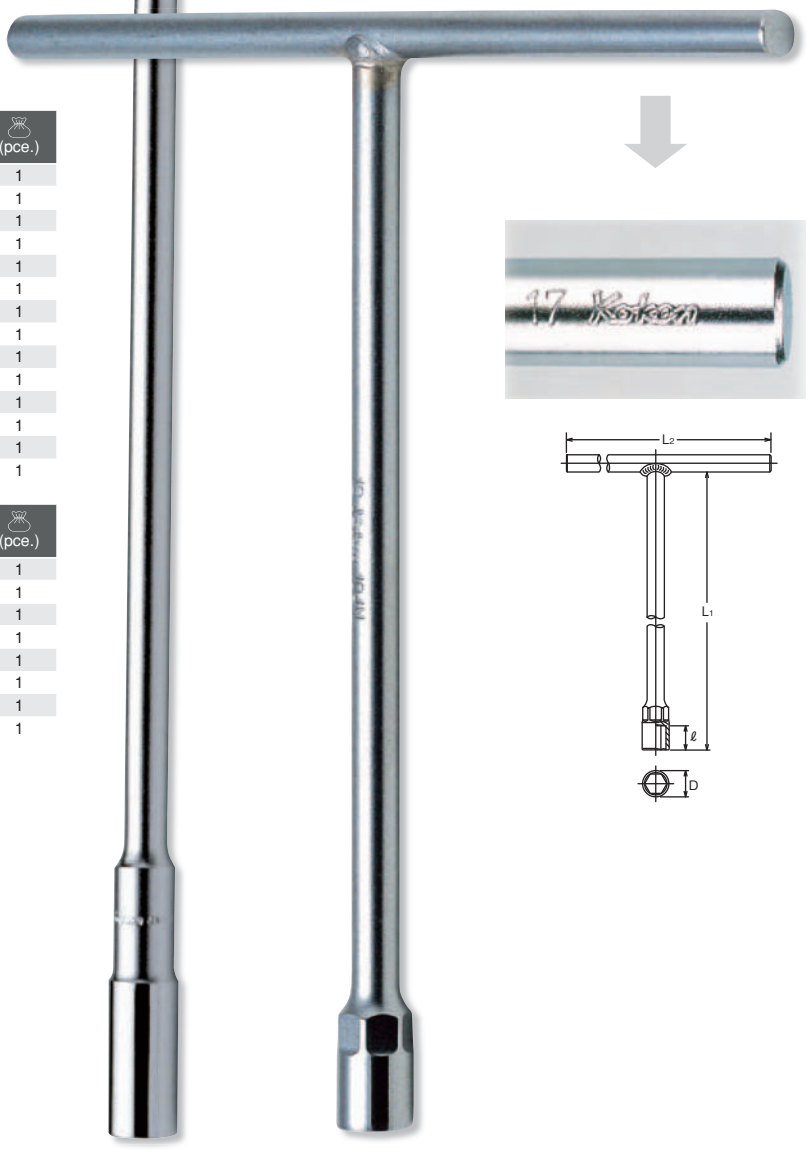




156M (mm)	D (mm)	ℓ (mm)	H (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
8	12	9	41	355	200	231	1
10	14.5	11	41	355	200	289	1
12	16.8	13	41	355	200	429	1
14	20	16	41	355	200	454	1

104ME/104A

6-Point
6-kant
6-pans



104ME (mm)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
6	9.5	8	200	180	150	1
7	11	9	200	180	152	1
8	12	10	250	200	183	1
9	14	12	250	200	188	1
10	14	13	250	200	230	1
11	16	14	250	200	234	1
12	18	15	250	200	355	1
13	18.5	17	250	250	390	1
14	20	18	250	250	399	1
15	21	19	250	250	404	1
16	22.5	21	250	250	419	1
17	24	22	250	250	568	1
18	25	23	250	250	577	1
19	26.5	25	250	250	594	1

104A (inch)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
1/4	9.5	8	200	180	150	1
5/16	12	10	250	200	183	1
3/8	14	12	250	200	188	1
7/16	16	14	250	200	234	1
1/2	18.5	17	300	250	412	1
9/16	20	18	300	250	428	1
5/8	22.5	21	350	300	528	1
3/4	26.5	25	350	300	717	1

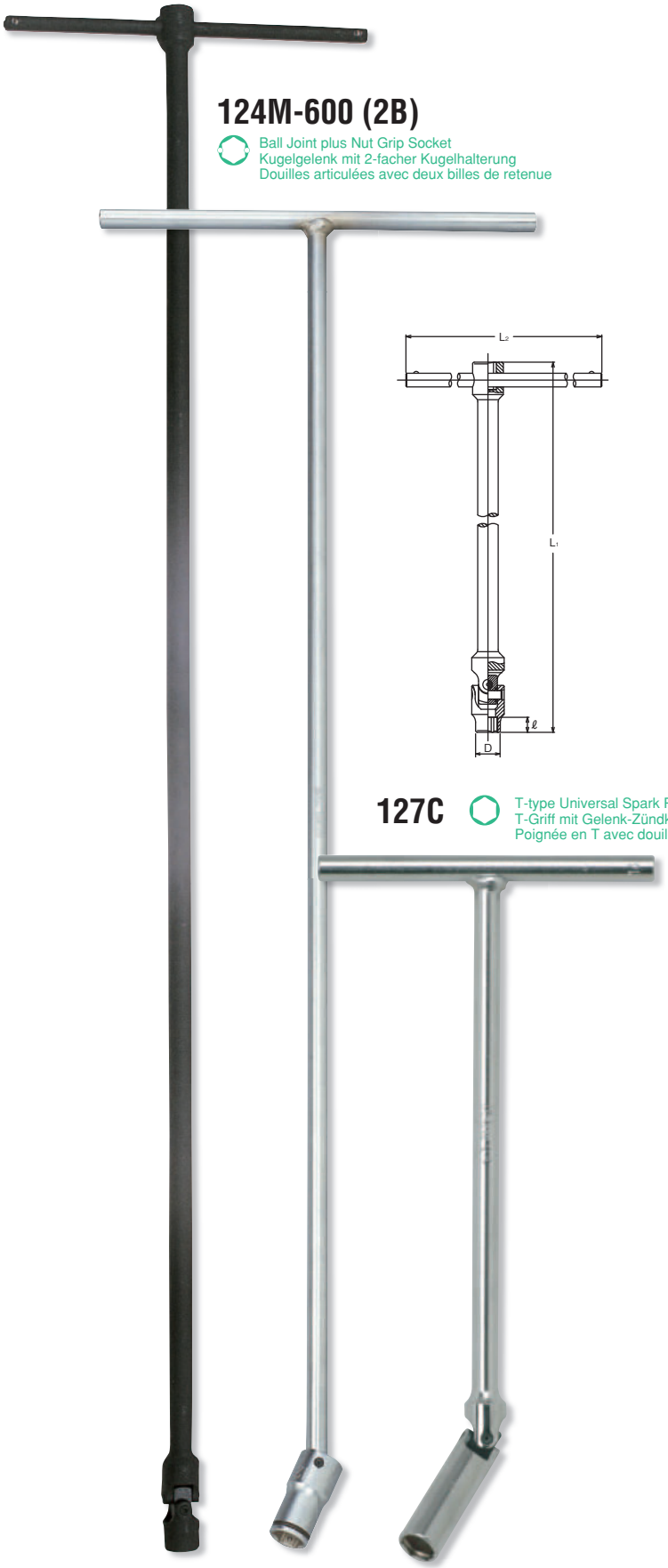
3116M

Universal with 6-point Socket
Gelenk mit 6-kant Steckschlüssel
Cardan avec douille 6-pans

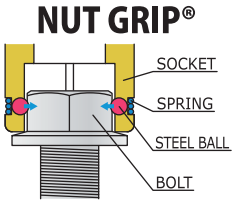
3116M (mm)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
10	14.5	8	800	190	796	1
12	17	10.3	800	190	797	1
13	18	11.3	800	190	797	1
14	19.5	11.3	800	190	797	1
15	21	12.8	800	190	799	1
16	22	12.8	800	190	806	1
17	23.6	13.8	800	190	801	1
18	24	13.8	800	190	809	1

124M-600 (2B)

Ball Joint plus Nut Grip Socket
Kugelgelenk mit 2-facher Kugelhalterung
Douilles articulées avec deux billes de retenue



124M-600 (mm)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
8(2B)	12	5	600	200	332	1
10(2B)	14.5	6	600	200	334	1
12(2B)	16.8	7	600	200	424	1
13(2B)	18	8	600	200	425	1
14(2B)	19.5	8.5	600	200	527	1
17(2B)	23.3	9.5	600	200	538	1



NUT GRIP®

Twin balls at the 6-point opening hold bolt/nut tightly for safe and reliable work.

Die zwei Kugeln in der 6-kant Öffnung unserer NUT GRIP Steckschlüssel halten die Schraube sicher im Steckschlüssel. Dies erlaubt ein Arbeiten auch an schwer zugänglichen Stellen.

Les 2 billes dans l'ouverture du 6-pans de la douille retiennent l'écrou de manière sûre et efficace.

127C

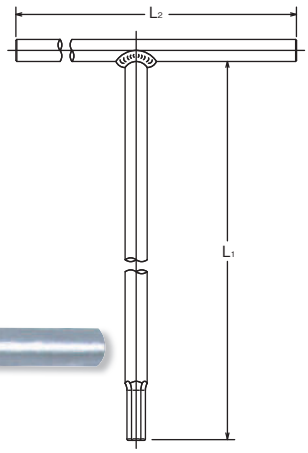
T-type Universal Spark Plug Socket Wrench
T-Griff mit Gelenk-Zündkerzenschlüssel
Poignée en T avec douille universelle pour bougies

127C (mm)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
14	19	21.5	315	150	520	1
16	21	22.5	315	150	530	1
18	23.9	22.5	315	150	590	1
20.8	26.8	22.5	315	150	590	1

157HE

For Inhex Screws
Für Innensechskant-Schrauben
Pour vis à 6-pans creux

157HE (mm)	L_1 (mm)	L_2 (mm)	(g)	(pce.)
3	250	180	98	1
4	250	180	121	1
5	250	180	158	1
6	250	180	416	1
8	250	180	422	1
10	300	190	440	1



157T

For TORX® Screws
Für TORX®-Schrauben
Pour vis TORX®

	157T (T)	L_1 (mm)	L_2 (mm)	(g)	(pce.)
New	**T25**	250	180	95	1
New	**T27**	250	180	96	1
New	**T30**	250	180	167	1
New	**T40**	250	180	168	1
New	**T45**	250	180	213	1
New	**T50**	250	180	215	1

157S

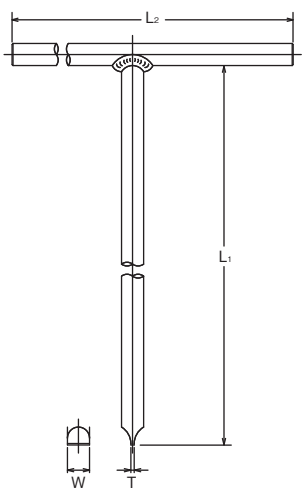
For Slotted Heads
Für Schlitzschrauben
Pour vis à fente

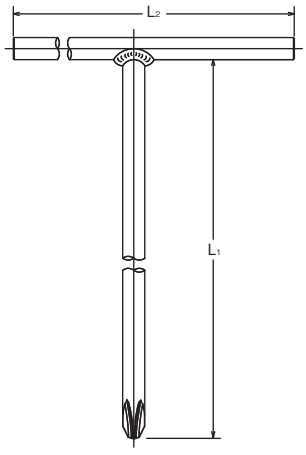
157S	T×W	L_1 (mm)	L_2 (mm)	(g)	(pce.)
6	1.0×6	200	180	84	1
8	1.2×8	250	180	170	1

157PE

For Phillips Screws
Für Kreuzschlitzschrauben, Phillips
Pour vis à empreinte Phillips

157PE (PH)	L_1 (mm)	L_2 (mm)	(g)	(pce.)
2	250	180	95	1
3	250	180	170	1





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2715
T-Handle
T-Griff
Poignée coulissante

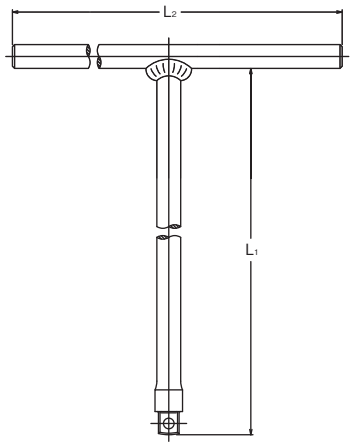
3715
T-Handle
T-Griff
Poignée coulissante

3715S
T-Handle
T-Griff
Poignée coulissante

3715SL
T-Handle
T-Griff
Poignée coulissante

3715SLK
OVAL Shank
T-Handle
T-Griff
Poignée coulissante

3716
Wobble-Fix
T-Handle
T-Griff
Poignée coulissante



	☐	L1 (mm)	L2 (mm)	(g)	(pce.)
2715	1/4"	200	120	130	1

	☐	L1 (mm)	L2 (mm)	(g)	(pce.)
3715	3/8"	268	240	386	1
3715S		268	190	347	1
3715SL		237	200	325	1
3715SLK		236	200	470	1
3716		268	240	379	1

2715/3715/3716
This tool is used sockets in hard to reach places. 3716 has a reduced square drive and similar function as offset extention bars.

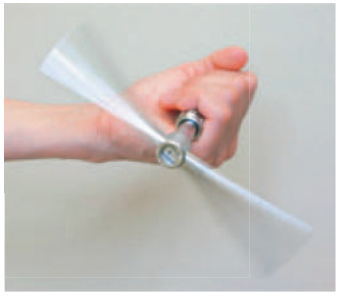


photo: 3715SLK

4715

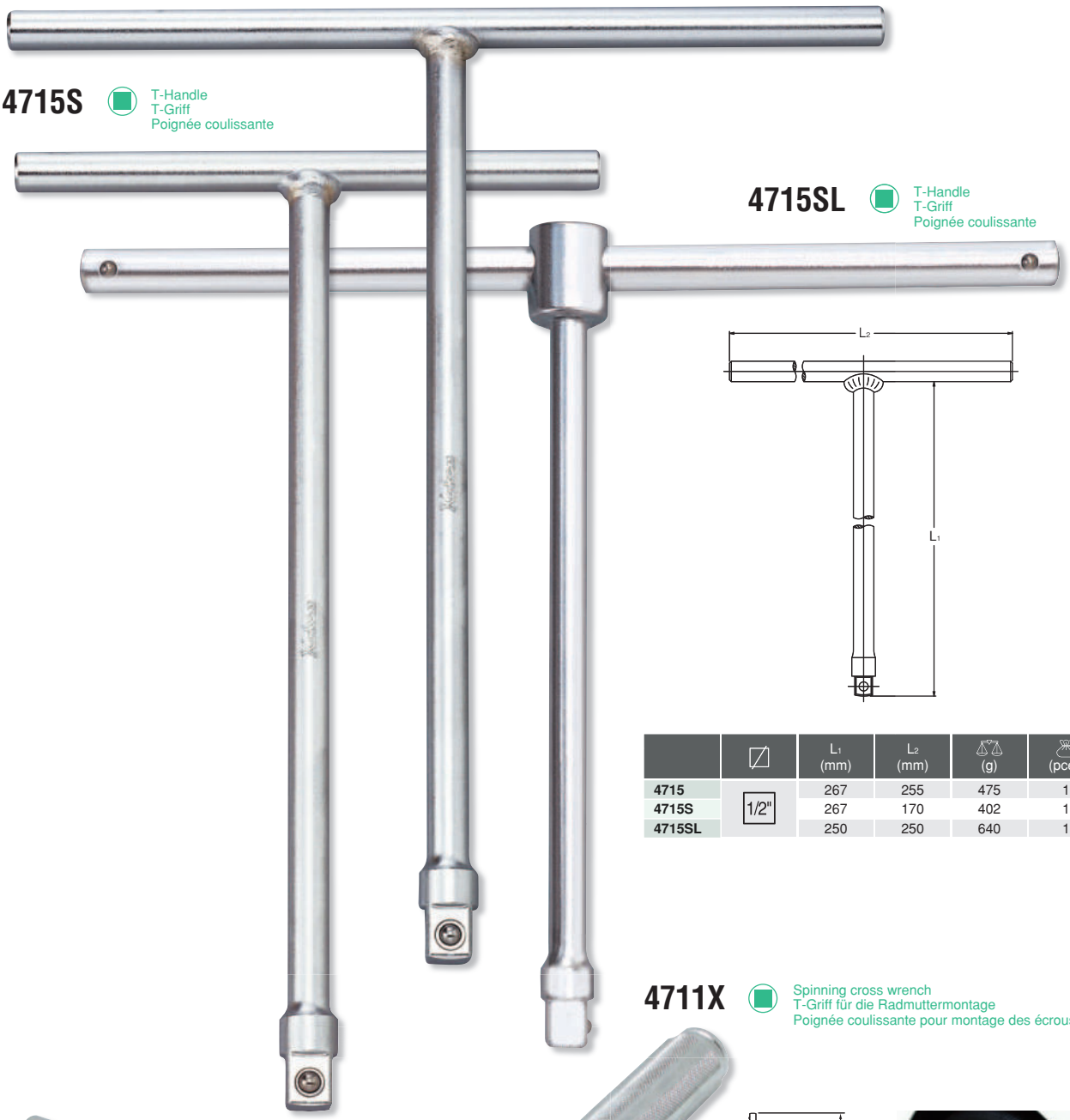
T-Handle
T-Griff
Poignée coulissante

4715S

T-Handle
T-Griff
Poignée coulissante

4715SL

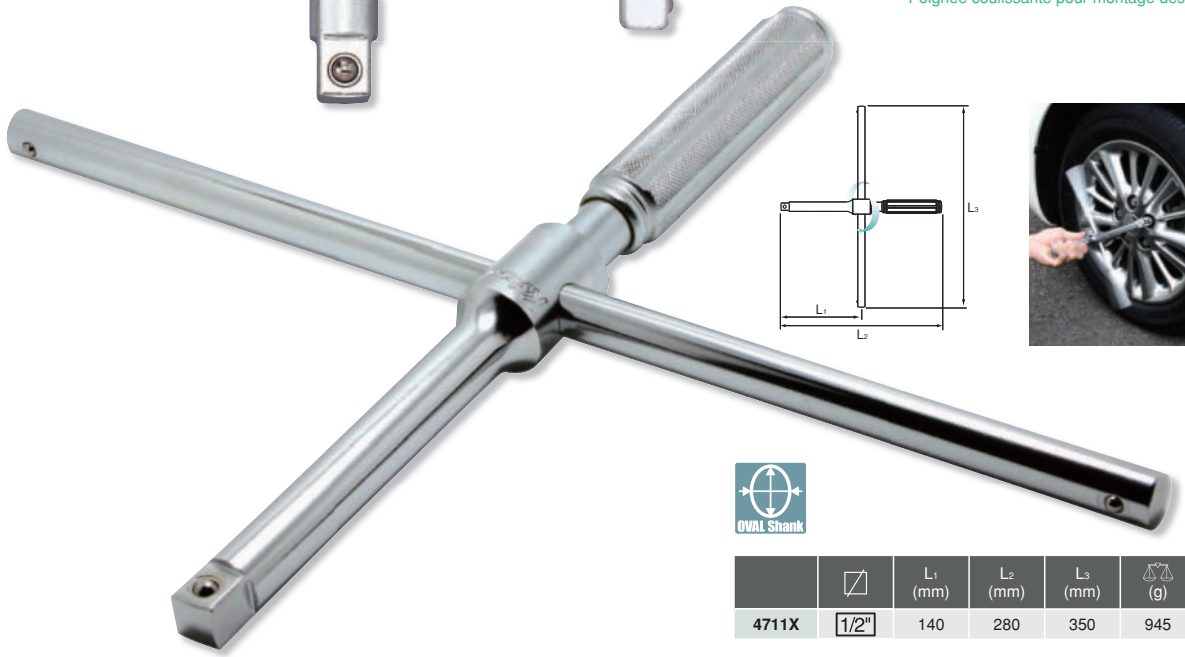
T-Handle
T-Griff
Poignée coulissante



	⧄	L1 (mm)	L2 (mm)	(g)	(pce.)
4715	1/2"	267	255	475	1
4715S		267	170	402	1
4715SL		250	250	640	1

4711X

Spinning cross wrench
T-Griff für die Radmuttermontage
Poignée coulissante pour montage des écrous à roue

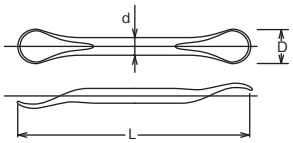


OVAL Shank

	⧄	L1 (mm)	L2 (mm)	L3 (mm)	(g)	(pce.)
4711X	1/2"	140	280	350	945	1

155

Tyre Lever
Reiffen und Montagehebel
Démonte-pneu

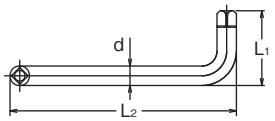


155	D (mm)	d (mm)	L (mm)	(g)	(pcs.)
	22	10	170	100	10

For Motor Cycles
Für Motorräder
Pour motos

158

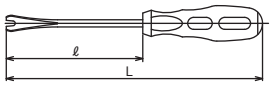
For Lubrication Service
Schmierdienst-Werkzeuge
Service lubrification-vidange



158 (mm)	L1 (mm)	L2 (mm)	d (mm)	(g)	(pce.)
8S×10S	63	230	13	319	1

169

Door Trim Pad Tool
Demontagehebel für Türclips
Levier pour le démontage des garnitures de portes



169	ℓ (mm)	L (mm)	(g)	(pcs.)
6	115	215	80	2
10	120	230	110	2

169/2

Door Trim Pad Tool, 2 pieces set
Demontagehebel für Türclips, Satz 2-teiling
Jeu, levier pour le démontage des garnitures de portes

169/2	2 Pieces Set/=200g
PLASTIC BAG	
Clip Handles	
169 CLIP HANDLE 6, 10	

Trim Pad

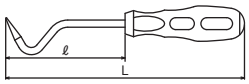
Trim Clip

169HR

Hose Remover
Zum lösen von Schläuchen
Pour le démontage des tuyaux

169HR	ℓ (mm)	L (mm)	(g)	(pcs.)
A	100	200	75	2

Hose Remover

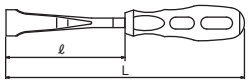


169WM

Window Molding Remover
Zum Lösen von Fenstergummis
Pour le démontage des joints de vitres

169WM	ℓ (mm)	L (mm)	(g)	(pcs.)
	100	210	90	2

Window Molding Remover



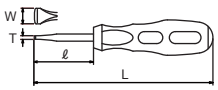
169BP

For Battery Screws
Für Batterie-Verschlussstopfen
Pour vis de batterie

169BP	T×W (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1.8×13	1.8×13	50	150	60	2

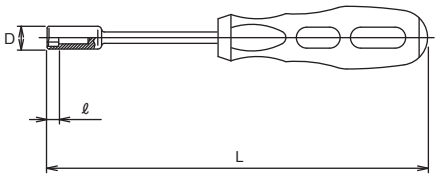
For Battery screw

Quick Fastener



167M / 167A

Socket Drivers
Sechskant Steckschlüssel, mit Griff
Clé à douille avec manche

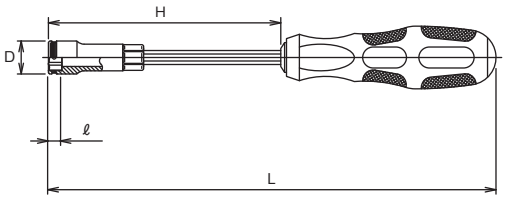


167M (mm)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)
3	5.8	3	225	62	6
3.5	5.8	3	225	62	6
4	6.7	3.5	225	64	6
4.5	7.2	4.5	225	65	6
5	7.8	5	225	66	6
5.5	8.4	5.5	225	68	6
6	9.1	6	225	70	6
7	10.9	6.5	235	101	6
8	12	7	235	103	6
9	13.2	7.5	235	107	6
10	14.5	8	235	111	6
11	15.9	8.5	245	155	6
12	16.8	9	245	161	6
13	18.2	9.5	245	167	6
14	19.2	11	245	178	6

167A (inch)	D (mm)	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)
New **1/4**	9.1	6	225	70	6

167C (2B)
167C/3-2B

Interchangeable Socket Driver, Nut Grip®
Universalgriff mit auswechselbaren NUT GRIP Steckschlüsselklingen
Clé à souille interchangeable avec mánche NUT GRIP



167C(2B) (mm)	D (mm)	H (mm)	ℓ (mm)	L (mm)	⚖ (g)	◇ (pcs.)
7(2B)	11.5	122	4	235	120	6
8(2B)	12.3	122	5	235	125	6
10(2B)	14.2	122	6	235	130	6
12(2B)	17.3	122	7	235	135	6

167C/3-2B — 4 Pieces Set/⚖=280g
PLASTIC BAG

Socket Drivers

Socket : 7, 8, 10
Grip : 167C-GRIP

1212

Long shank Screwdriver 4 pieces set
Extra lange Schraubendreher 4teiliger Satz
Tournevis longs. Jeu de 4 pièces

1212 — 4 Pieces Set/⚖=380g
PLASTIC BAG

Screwdrivers

168T(250)
20PR

168T(250)
T20, T25, T30

Long shank Screwdriver
Extra lange Schraubendreher
Tournevis extra longs

2769N-150/-220

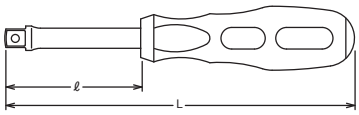
Spin Type Handle
Drehgriff
Poignée emmanchée

2769N	⊿	ℓ (mm)	L (mm)	(g)	(pcs.)
150	1/4"	50	150	68	2
220		120	220	100	2

Plastic or rubber handles are not intended to act as insulation.

Plastik-oder Gummigriffe stellen keinen Isolierschutz dar.

Les poignées en plastique ou en caoutchouc ne garantissent aucune isolation électrique.

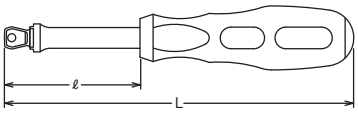


2769NWF-150/-220

Spin Type Handle (Wobble-Fix)
Drehgriff, Wobble-Fix
Poignée emmanchée, angulaire

Wobble-Fix

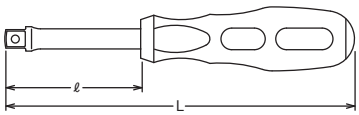
2769NWF	⊿	ℓ (mm)	L (mm)	(g)	(pcs.)
150	1/4"	50	150	68	2
220		120	220	100	2



3769N-160/-230

Spin Type Handle
Drehgriff
Poignée emmanchée

3769N	⊿	ℓ (mm)	L (mm)	(g)	(pcs.)
160	3/8"	50	160	96	2
230		120	230	126	2

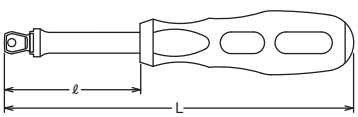


3769NWF-160/-230

Spin Type Handle (Wobble-Fix)
Drehgriff, Wobble-Fix
Poignée emmanchée, angulaire

Wobble-Fix

3769NWF	⊿	ℓ (mm)	L (mm)	(g)	(pcs.)
160	3/8"	50	160	96	2
230		120	230	126	2



3112G

Attack Driver
Hand-Schlagschrauber
Tournevis à frapper

	□	L (mm)	(g)	(pce.)
3112G	3/8"	159	810	1

* Renewal Kits → 3112RK ➡P269

4112G

Attack Driver
Hand-Schlagschrauber
Tournevis à frapper

	□	L (mm)	(g)	(pce.)
4112G	1/2"	163	810	1
4112N		163	730	1

* Renewal Kits → 4112RK ➡P269

4112N

Attack Driver
Hand-Schlagschrauber
Tournevis à frapper

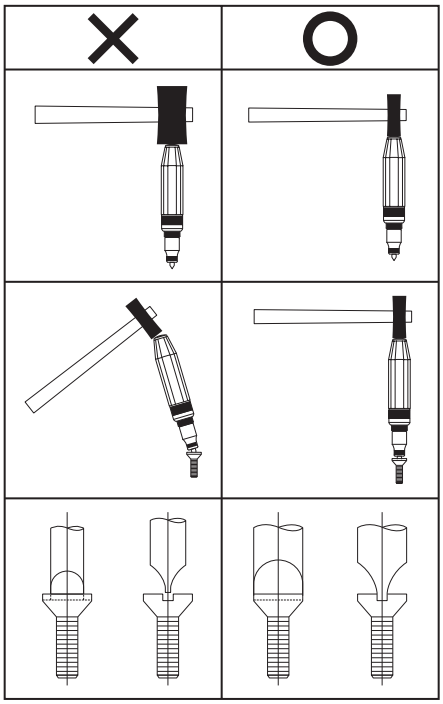
	□	L (mm)	(g)	(pce.)
6112	3/4"	190	1900	1

* Renewal Kits → 6112RK ➡P269

Black finished striking head prevents the problem of peeling.
Das geschwärzte Schlagende vermeidet das Abspringen von Chromteilen.
La finition "black finish" de la tête évite l'écaillement dû au chromage.

6112

Attack Driver
Hand-Schlagschrauber
Tournevis à frapper



AG112A

Attack Driver Set
Hand-Schlagschrauber-Satz
Jeu de tournevis à frapper

AG112A	6 Pieces Set/=1,150g
METAL CASE:W220×H82×T60mm	
Bits	Accessories
100P.32 Phillips Bits 2, 3	**4112G**
100S.32 Slotted Bits 9, 11	**4138**

AG112H

Attack Driver Set
Hand-Schlagschrauber-Satz
Jeu de tournevis à frapper

AG112H	18 Pieces Set/=1,480g
METAL CASE:W220×H82×T60mm	
Bits	Accessories
100P.32 Phillips Bits 2, 3, 4	**4112G**
100S.32 Slotted Bits 8, 9, 10, 12, 14	**4138**
100H.32 Hex Bits 5, 6, 8, 10	
100T.32 TORX® Bits T30, T40, T45, T50	

AG112F

Attack Driver Set
Hand-Schlagschrauber-Satz
Jeu de tournevis à frapper

AG112F	25 Pieces Set/=1,530g
METAL CASE:W220×H82×T60mm	
Bits	Accessories
100P.32 Phillips Bits 2, 3	**4112G**
100P.32 PZ Bits PZ2, PZ3	**4138**
100S.32 Slotted Bits 9, 11	
100H.32 Hex Bits 4, 5, 6, 7, 8, 10	
100T.32 TORX® Bits T25, T27, T30, T40, T45, T50	
100X.32 XZN Bits M5, M6, M8, M10, M12	

AN112A

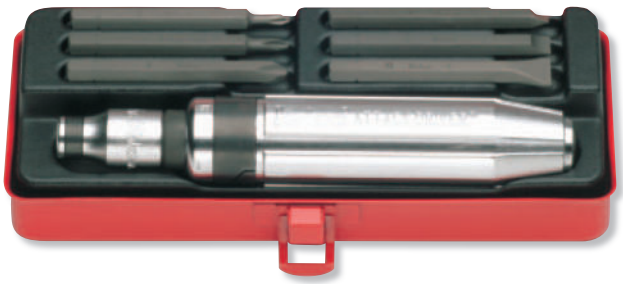
Attack Driver Set
Hand-Schlagschrauber-Satz
Jeu de tournevis à frapper

AN112A	6 Pieces Set/=1,070g
METAL CASE:W190×H59×T45mm	
Bits	Accessories
100P.32 Phillips Bits 2, 3	**4112N**
100S.32 Slotted Bits 9, 11	**4138**

AN112C

Attack Driver Set
Hand-Schlagschrauber-Satz
Jeu de tournevis à frapper

AN112C	8 Pieces Set/=1,350g
METAL CASE:W215×H80×T47mm	
Bits	Accessories
100P.80 Phillips Bits 1, 2, 3	**4112N**
100S.80 Slotted Bits 7, 9, 12	**4138**



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●1/4” ●5/16”

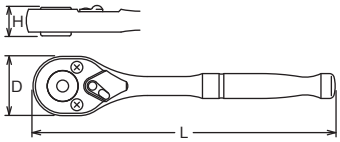
2749P-1/4HF

Reversible Ratchet, for Bits 1/4”
Knarre, verstellbar, für Bits 1/4”
Cliquet, réversible pour embouts 1/4”

	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
2749P-1/4HF	25	12	125	96	10
2774P-1/4HF	25	12	165	133	2

2774P-1/4HF

Flexible Ratchet, reversible, for Bits 1/4”
Gelenk-Knarre, verstellbar, für Bits 1/4”
Cliquet á tête articulé pour embouts 1/4”



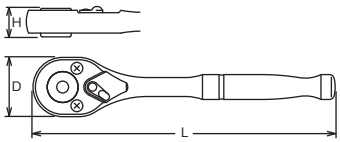
2749P-5/16HF

Reversible Ratchet, for Bits 5/16”
Knarre, verstellbar für Bits 5/16”
Cliquet, réversible pour embouts 5/16”

	D (mm)	H (mm)	L (mm)	(g)	(pcs.)
2749P-5/16HF	25	14	125	96	10
2774P-5/16HF	25	14	165	133	2

2774P-5/16HF

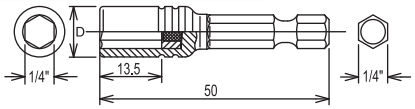
Flexible Ratchet, reversible, for Bits 5/16”
Gelenk-Knarre, verstellbar, für Bits 5/16”
Cliquet à tête articulé pour embouts 5/16”



180M-50

Bit Holder with Magnet
Klingenhalter mit Magnet
Porte-embouts avec aimant

	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
180M-50	11	13.5	50	15	10



131P-80

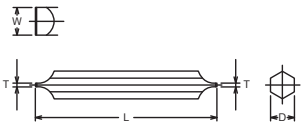
PH Bits
PH Bits
Embouts, PH

131P-80	⊕	D (mm)	L (mm)	⚖ (g)	(pcs.)
1	No.1×No.2	8	80	28	10
2	No.2×No.3	8	80	29	10
3	No.3×No.3	8	80	29	10

131S-80

Slotted Bits
Schlitz Bits
Embouts, fente

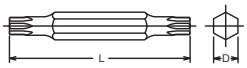
131S-80	T×W (mm)	D (mm)	L (mm)	⚖ (g)	(pcs.)
6	1.0×6	8	80	29	10
7	1.0×7	8	80	29	10
8	1.2×8	8	80	30	10
9	1.6×9	8	80	31	10



131T-80

TORX® Bits
TORX® Bits
Embouts, TORX®

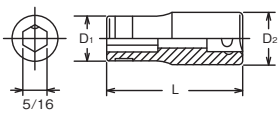
131T-80 (T)	D (mm)	L (mm)	⚖ (g)	(pcs.)
T10×T15	8	80	27	10
T20×T25	8	80	27	10
T27×T30	8	80	28	10



3141

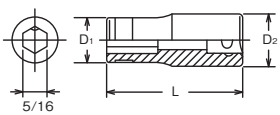
Bit Holder, extra deep for 131P-80, 131S-80, 131T-80
Klingenhalter, extra tief für 131P-80, 131S-80, 131T-80
Porte embouts, ouverture longue pour 131P-80, 131S-80, 131T-80

	◻	D_1 (mm)	D_2 (mm)	L (mm)	⚖ (g)	◇ (pcs.)
3141	3/8"	16	18	48	60	10
4141	1/2"	16	22	52	70	10



4141

Bit Holder, extra deep for 131P-80, 131S-80, 131T-80
Klingenhalter, extra tief für 131P-80, 131S-80, 131T-80
Porte embouts, ouverture longue pour 131P-80, 131S-80, 131T-80



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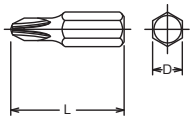
108P-25/-32/-50

PH Bits
PH Bits
Embouts, PH



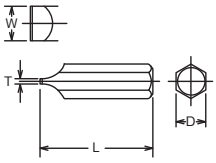
108P-25 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	25	5	10
2	6.35	25	5	10
3	6.35	25	6	10

108P-32 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	32	7	10
2	6.35	32	7	10
3	6.35	32	8	10

108P-50 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	6.35	50	10	10
2	6.35	50	11	10
3	6.35	50	11	10

108S-25/-39

Slotted Bits
Schlitz Bits
Embouts, fente

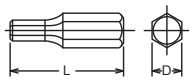


108S-25	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	0.5×3	6.35	25	3	10
4	0.6×4	6.35	25	3	10
4.5	0.6×4.5	6.35	25	4	10
5	0.8×5	6.35	25	5	10
5.5	0.8×5.5	6.35	25	5	10
6	1.0×6	6.35	25	5	10
8	1.2×8	6.35	25	6	10

108S-39	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	0.5×3	6.35	39	6	10
4	0.6×4	6.35	39	6	10
4.5	0.6×4.5	6.35	39	6	10
5	0.8×5	6.35	39	7	10
5.5	0.8×5.5	6.35	39	8	10
6	1.0×6	6.35	39	9	10
8	1.2×8	6.35	39	12	10

108H-25

Hex Bits
Sechskant Bits
Embouts, 6 pans creux

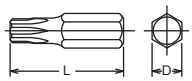


108H-25 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	6.35	25	4	10
4	6.35	25	5	10
5	6.35	25	5	10
6	6.35	25	6	10
7	6.35	25	7	10
8	6.35	25	8	10
10	6.35	25	11	10

108H-25 (inch)	D (mm)	L (mm)	(g)	(pcs.)
1/8	6.35	25	4	10
9/64	6.35	25	5	10
3/16	6.35	25	5	10
7/32	6.35	25	6	10
1/4	6.35	25	7	10

108T-25 (T)

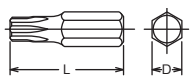
TORX® Bits
TORX® Bits
Embouts, TORX®



108T-25 (T)	D (mm)	L (mm)	(g)	(pcs.)
T10	6.35	25	4	10
T15	6.35	25	4	10
T20	6.35	25	5	10
T25	6.35	25	6	10
T27	6.35	25	6	10
T30	6.35	25	6	10
New T40	6.35	25	6	10

108T-25 (TH)

Tamper-Resistant TORX® Bits
Tamper-Resistant TORX® Bits
Embouts TORX®, Tamper-Resistant



108T-25 (TH)	D (mm)	L (mm)	(g)	(pcs.)
T10H	6.35	25	4	10
T15H	6.35	25	4	10
T20H	6.35	25	5	10
T25H	6.35	25	6	10
T27H	6.35	25	6	10
T30H	6.35	25	6	10
New T40H	6.35	25	6	10

⚠ Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

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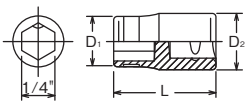
TORX® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**



	☐	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
2137	1/4"	12	12	22.5	13	10
3137	3/8"	13	16.5	30	30	10
4137	1/2"	13	22	38	53	10

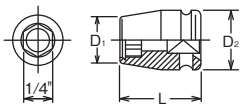
For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour embouts DIN3126 C6.3

D6.3

2137
Bit Holder
Klingenhalter
Porte-embouts

3137
Bit Holder
Klingenhalter
Porte-embouts

4137
Bit Holder
Klingenhalter
Porte-embouts



	☐	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
12139	1/4"	11	13	26	15	10	*1
13139	3/8"	11	19	30	32	10	*2
14139	1/2"	11	25	38	62	10	*3

*1 Pin/O-Ring=1200A/B
*2 C-Ring=1301C,Pin/O-Ring=1301A/B
*3 C-Ring=1401C,Pin/O-Ring=1401A/B

➡P242-243

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour embouts DIN3126 C6.3

D6.3

12139
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

13139
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

14139
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

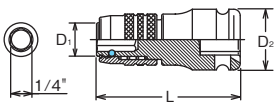
	☐	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13142-D6.3	3/8"	16	19	45	60	10	*1
14142-D6.3	1/2"	16	25	55	97	10	*2

*1 C-Ring=1301C,Pin/O-Ring=1301A/B
*2 C-Ring=1401C,Pin/O-Ring=1401A/B

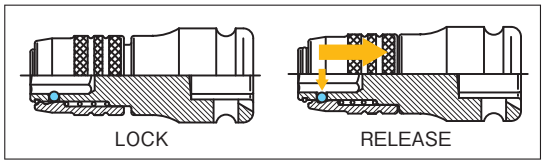
➡P242-243

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour embouts DIN3126 C6.3

D6.3



Lock & Quick Release

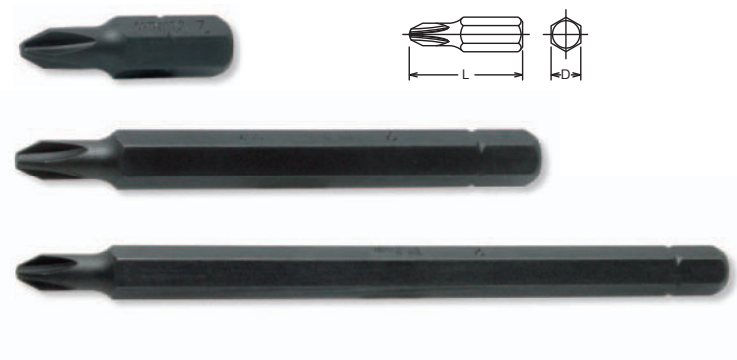


13142-D6.3
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

14142-D6.3
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

100P-32/-80/-125

PH Bits
PH Bits
Embouts, PH



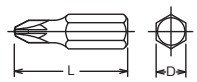
100P-32 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	8	32	11	10
2	8	32	11	10
3	8	32	12	10
4	8	32	12	10

100P-80 (PH)	D (mm)	L (mm)	(g)	(pcs.)
1	8	80	30	10
2	8	80	30	10
3	8	80	31	10
4	8	80	32	10

100P-125 (PH)	D (mm)	L (mm)	(g)	(pcs.)
2	8	125	48	10
3	8	125	49	10

100P-32 (PZ)

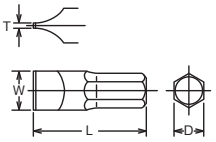
PZ Bits
PZ Bits
Embouts, PZ



100P-32 (PZ)	D (mm)	L (mm)	(g)	(pcs.)
PZ2	8	32	10	10
PZ3	8	32	11	10

100S-32/-80

Slotted Bits
Schlitz Bits
Embouts, fente

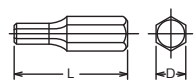


100S-32	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
6	1 × 6	8	32	10	10
7	1 × 7	8	32	11	10
8	1.2× 8	8	32	12	10
9	1.6× 9	8	32	12	10
10	1.6×10	8	32	13	10
11	1.6×11	8	32	15	10
12	2 ×12	8	32	18	10
14	2 ×14	8	32	21	10

100S-80	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
6	1 × 6	8	80	29	10
7	1 × 7	8	80	30	10
8	1.2× 8	8	80	31	10
9	1.6× 9	8	80	32	10
10	1.6×10	8	80	33	10
11	1.6×11	8	80	33	10
12	2 ×12	8	80	34	10
14	2 ×14	8	80	37	10

100H-32

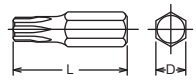
Hex Bits
Sechskant Bits
Embouts, 6 pans creux



100H-32 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	8	32	11	10
4	8	32	11	10
5	8	32	12	10
6	8	32	12	10
7	8	32	13	10
8	8	32	13	10
10	8	32	16	10
12	8	32	23	10
14	8	32	29	10

100T-32 (T)

TORX® Bits
TORX® Bits
Embouts, TORX®



100T-32 (T)	D (mm)	L (mm)	(g)	(pcs.)
T10	8	32	9	10
T15	8	32	9	10
T20	8	32	9	10
T25	8	32	10	10
T27	8	32	10	10
T30	8	32	11	10
T40	8	32	12	10
T45	8	32	12	10
T50	8	32	14	10
T55	8	32	17	10

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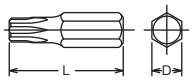
100T-32 (TH)

Tamper-Resistant TORX® Bits
Tamper-Resistant TORX® Bits
Embouts TORX®, Tamper-Resistant

100T-32 (TH)	D (mm)	L (mm)	(g)	(pcs.)
T10H	8	32	9	10
T15H	8	32	9	10
T20H	8	32	9	10
T25H	8	32	10	10
T27H	8	32	10	10
T30H	8	32	11	10
T40H	8	32	12	10
T45H	8	32	12	10
T50H	8	32	13	10
T55H	8	32	16	10

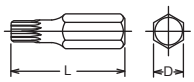


Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

100X-32 (XZN)

XZN Bits
XZN Bits
Embouts, XZN

100X-32	D (mm)	L (mm)	(g)	(pcs.)
M 5	8	32	10	10
M 6	8	32	11	10
M 8	8	32	12	10
M10	8	32	16	10
M12	8	32	19	10



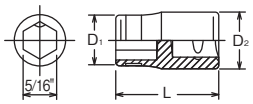
2138

Bit Holder
Klingenhalter
Porte-embouts

		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)
2138	1/4"	16	16	26	32	10
3138	3/8"	16	18	38	55	10
4138	1/2"	16	22	38	62	10

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour embouts DIN3126 C8

D8



3138

Bit Holder
Klingenhalter
Porte-embouts

4138

Bit Holder
Klingenhalter
Porte-embouts

12140

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
12140	1/4"	14	13	26	15	10	*1
13140	3/8"	14	19	30	32	10	*2
14140	1/2"	14	25	38	62	10	*3

*1 Pin/O-Ring=1200A/B
*2 C-Ring=1301C,Pin/O-Ring=1301A/B
*3 C-Ring=1401C,Pin/O-Ring=1401A/B

➡P242-243

13140

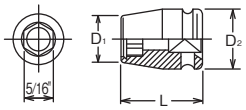
Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

14140

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour embouts DIN3126 C8

D8



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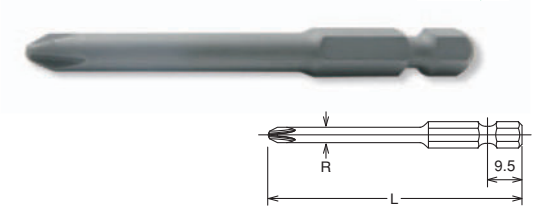
121P-50/-70/-100/-150

PH Bits
PH Bits
Embouts, PH



121P-50 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	50	12	10
2	6.35	5.5	50	12	10
3	6.35	–	50	13	10

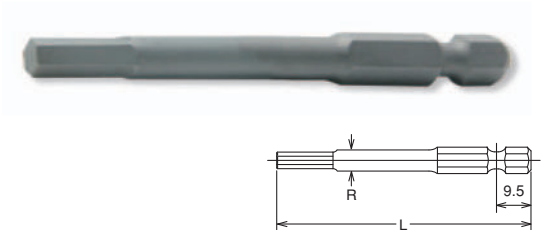
121P-70 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	70	15	10
2	6.35	5.5	70	15	10
3	6.35	–	70	16	10

121P-100 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
1	6.35	4.5	100	23	10
2	6.35	5.5	100	23	10
3	6.35	–	100	24	10

	121P-150 (PH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	1	6.35	4.5	150	30	10
New	2	6.35	5.5	150	35	10
New	3	6.35	–	150	36	10

121H-50/-70/-100/-150

Hex Bits
Sechskant Bits
Embouts, 6 pans creux



121H-50 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
3	6.35	3.5	50	12	10
4	6.35	4.5	50	12	10
5	6.35	5.6	50	13	10
6	6.35	–	50	14	10

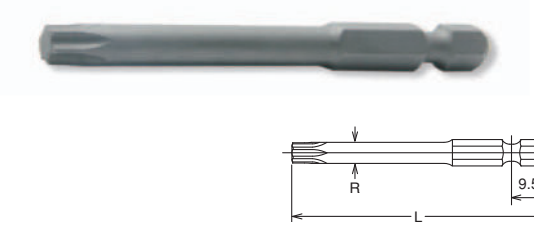
121H-70 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
3	6.35	4.0	70	15	10
4	6.35	4.5	70	15	10
5	6.35	5.6	70	16	10
6	6.35	–	70	18	10

121H-100 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
3	6.35	4.0	100	23	10
4	6.35	4.5	100	23	10
5	6.35	5.6	100	24	10
6	6.35	–	100	26	10

121H-150 (mm)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
3	6.35	4.5	150	37	10
4	6.35	5.0	150	37	10
5	6.35	6.0	150	38	10
6	6.35	–	150	39	10

121T-50/-70/-100/-150 (T)

TORX® Bits
TORX® Bits
Embouts, TORX®



121T-50 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T20	6.35	4.1	50	12	10
T25	6.35	4.6	50	12	10
T27	6.35	5.2	50	13	10
T30	6.35	5.7	50	13	10
T40	6.35	–	50	14	10

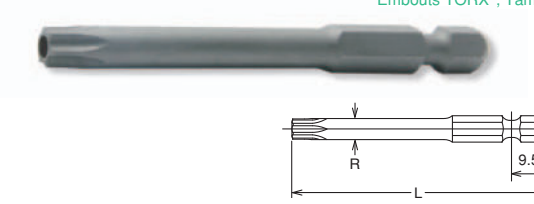
121T-70 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T20	6.35	4.1	70	16	10
T25	6.35	4.6	70	16	10
T27	6.35	5.2	70	17	10
T30	6.35	5.7	70	17	10
T40	6.35	–	70	18	10

121T-100 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T20	6.35	4.1	100	24	10
T25	6.35	4.6	100	24	10
T27	6.35	5.2	100	24	10
T30	6.35	5.7	100	25	10
T40	6.35	–	100	26	10

121T-150 (T)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T20	6.35	4.5	150	37	10
T25	6.35	5.0	150	37	10
T27	6.35	5.6	150	37	10
T30	6.35	6.0	150	38	10
T40	6.35	–	150	39	10

121T-70/-100 (TH)

Tamper-Resistant TORX® Bits
Tamper-Resistant TORX® Bits
Embouts TORX®, Tamper-Resistant



121T-70 (TH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
T20H	6.35	4.1	70	16	10
T25H	6.35	4.6	70	16	10
T27H	6.35	5.2	70	17	10
T30H	6.35	5.7	70	17	10
T40H	6.35	–	70	18	10

	121T-100 (TH)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	T20H	6.35	4.1	100	24	10
New	T25H	6.35	4.6	100	24	10
New	T27H	6.35	5.2	100	24	10
New	T30H	6.35	5.7	100	25	10
New	T40H	6.35	–	100	26	10

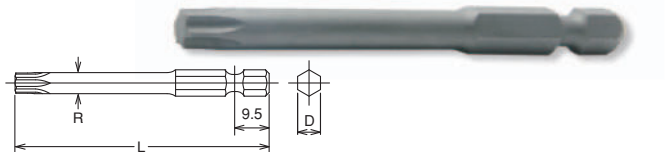
⚠ Tamper Resistant TORX® Bits have less strength due to special design.
Make sure to use it correctly.

121T-50/-70 (IP)

TORX PLUS® Bits
TORX PLUS® Bits
Embouts TORX PLUS®

	121T-50 (IP)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	**20IP**	6.35	4.1	50	16	10
New	**25IP**	6.35	4.6	50	16	10
New	**27IP**	6.35	5.2	50	17	10
New	**30IP**	6.35	5.7	50	17	10
New	**40IP**	6.35	–	50	18	10

	121T-70 (IP)	D (mm)	R (mm)	L (mm)	(g)	(pcs.)
New	**20IP**	6.35	4.1	70	24	10
New	**25IP**	6.35	4.6	70	24	10
New	**27IP**	6.35	5.2	70	24	10
New	**30IP**	6.35	5.7	70	25	10
New	**40IP**	6.35	–	70	26	10

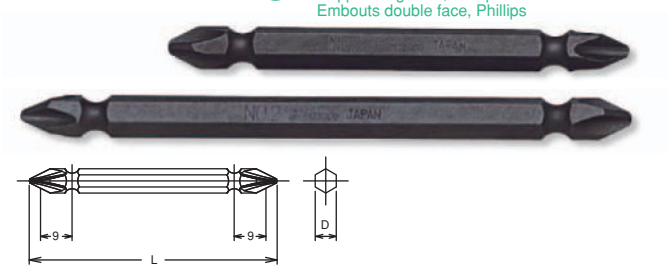


123P-75/-100

Double ended Bits, Phillips
Doppelseitige bits, Phillips
Embouts double face, Phillips

123P-75	D (mm)	(g)	(pcs.)	(pcs.)
1	6.35	16	10	100
2	6.35	16	10	100
3	6.35	17	10	100

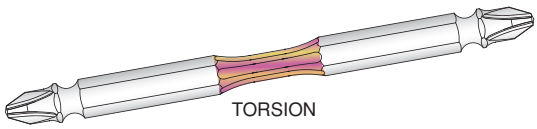
123P-100	D (mm)	(g)	(pcs.)	(pcs.)
1	6.35	23	10	100
2	6.35	23	10	100
3	6.35	24	10	100

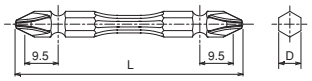


123PT-75/-100

Double ended Torsion Bits, Phillips
Doppelseitige Torsionsbits, Phillips
Embouts torsion double face, Phillips

123PT (PH)	D (mm)	L (mm)	(g)	(pcs.)
2	6.35	75	18	10
2	6.35	100	24	10

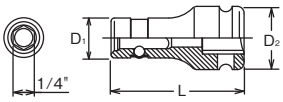




12137E
13137E
14137E

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact

		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
12137E	1/4"	12	13	40	22	10	*1
13137E	3/8"	12	19	40	40	10	*2
14137E	1/2"	12	25	48	70	10	*3



*1 Pin/O-Ring=1200A/B
*2 C-Ring=1301C, Pin/O-Ring=1301A/B
*3 C-Ring=1401C, Pin/O-Ring=1401A/B

➡P242-243

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour embouts DIN3126 E6.3

F6.3

12137E, 13137E and 14147E can be used with various 1/4" bits, DIN 3126-C6.3, DIN 3126-E6.3 and Double ended type.

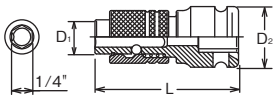
Die neuen Bithalter können für alle 1/4" Bits DIN 3126-C6.3, DIN 3126-E6.3 und für doppelseitige Bits verwendet werden.

Ces nouveaux porte embouts peuvent être utilisés avec tous les embouts 1/4" DIN 3126 E-6.3 et DIN 3126 C6.3

12142-F6.3
13142-F6.3
14142-F6.3

Impact Bit Holder (Quick Release)
Impact Klingenhalter (Quick Release)
Porte embouts Impact (Quick Release)

		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
12142-F6.3	1/4"	16.5	13	36	22	10	*1
13142-F6.3	3/8"	16.5	19	45	60	10	*1
14142-F6.3	1/2"	16.5	25	55	100	10	*2



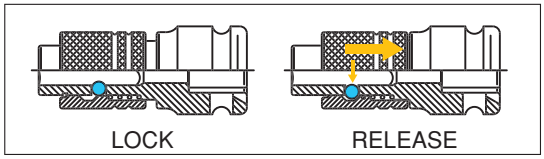
*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1401C, Pin/O-Ring=1401A/B

➡P242-243

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour embouts DIN3126 E6.3

F6.3

Lock & Quick Release



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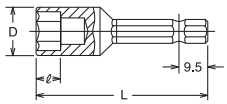
113

Nut Setters
Steckschlüssel Klingen
Embouts pour écrous

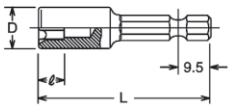


113 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5.5	9	4	50	15	10
6	10	5	50	17	10
7	11	5	50	19	10
8	12	6	50	20	10
10	14.2	7	50	31	10
12	17	8	50	39	10
13	18	8	50	42	10
New **14**	19	9	50	46	10

113 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	10	5	50	17	10
5/16	12	6	50	20	10
3/8	14.2	7	50	31	10
1/2	18	8	50	42	10

113 (E)

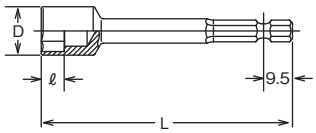
Nut Setters, TORX®
Steckschlüssel Klingen, TORX®
Embouts pour écrous, TORX®



113 (E)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 4	6.1	4.5	50	12	10
E 5	7.5	4.5	50	15	10
E 6	8.3	5.0	50	17	10
E 7	8.8	5.8	50	18	10
E 8	10.1	6.6	50	19	10
E10	12	7.4	50	20	10

113-75/-100/-150/-200/-250

Nut Setters
Steckschlüssel Klingen
Embouts pour écrous



113-75 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	75	31	10
8	12.7	6	75	32	10
10	14.5	7	75	35	10
12	17	8	75	42	10
13	18	8	75	41	10
14	19	9	75	43	10

113-100 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	100	40	10
8	12.7	6	100	41	10
10	14.5	7	100	45	10
12	17	8	100	52	10
13	18	8	100	51	10
14	19	9	100	53	10

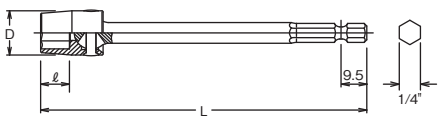
113-150 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	150	59	10
8	12.7	6	150	60	10
10	14.5	7	150	64	10
12	17	8	150	70	10
13	18	8	150	76	10
14	19	9	150	78	10

113-200 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	200	78	10
8	12.7	6	200	79	10
10	14.5	7	200	83	10
12	17	8	200	91	10
13	18	8	200	93	10
14	19	9	200	95	10

113-250 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	5	250	99	10
8	12.7	6	250	100	10
10	14.5	7	250	105	10
12	17	8	250	113	10
13	18	8	250	114	10
14	19	9	250	119	10

113UN-100/-150/-200

6-point Universal Joint Nut Setters
6-kant Steckschlüsselklingen mit Gelenk
Douilles 6-pans universelles à embout



113UN-100 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	13	7	100	50	10
10	15	8	100	53	10
12	17	10	100	56	10
13	18	10	100	65	10
14	19.2	10	100	67	10

113UN-150 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	13	7	150	65	10
10	15	8	150	70	10
12	17	10	150	77	10
13	18	10	150	92	10
14	19.2	10	150	92	10

113UN-200 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	13	7	200	75	10
10	15	8	200	87	10
12	17	10	200	98	10
13	18	10	200	116	10
14	19.2	10	200	116	10

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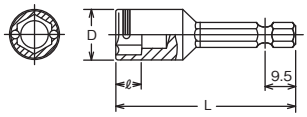
113-50 (2B)

Nut Setters, with 2 Balls
Steckschlüssel Klingen, mit 2-facher Kugelhalterung
Douilles à billes de retenue
Nut Grip®

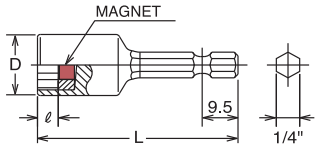


113-50 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7(2B)	11	5	50	20	10
8(2B)	12	6	50	21	10
10(2B)	14.2	7	50	26	10
13(2B)	18	8	50	31	10

113-50 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
3/8(2B)	14.2	7	50	26	10

115

Nut Setters with Magnet
Steckschlüssel Klingen mit Magnet
Embouts avec aimant pour écrous

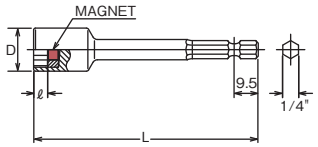


115 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5.5	9	2.1	50	15	10
6	10	2.4	50	17	10
7	11	2.8	50	19	10
8	12	3.5	50	20	10
10	14.2	4.2	50	29	10
12	17	5.6	50	40	10
13	18	6	50	50	10
14	19	6.4	50	60	10

115 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	10	1.8	50	17	10
5/16	12	3.5	50	20	10
3/8	14.2	4.2	50	29	10
1/2	18	6	50	50	10

115-75/-100/-150/-200/-250

Nut Setters with Magnet
Steckschlüssel Klingen mit Magnet
Embouts avec aimant pour écrous



115-75 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	75	32	10
8	12.7	3.5	75	33	10
10	14.5	4.2	75	38	10
12	17	5.6	75	46	10
13	18	6	75	49	10
14	19	6.4	75	52	10

115-100 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	100	41	10
8	12.7	3.5	100	42	10
10	14.5	4.2	100	50	10
12	17	5.6	100	58	10
13	18	6	100	62	10
14	19	6.4	100	65	10

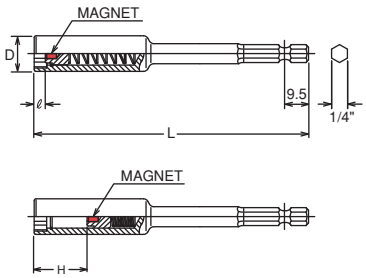
115-150 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	150	60	10
8	12.7	3.5	150	61	10
10	14.5	4.2	150	68	10
12	17	5.6	150	77	10
13	18	6	150	82	10
14	19	6.4	150	85	10

115-200 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	200	79	10
8	12.7	3.5	200	80	10
10	14.5	4.2	200	88	10
12	17	5.6	200	97	10
13	18	6	200	102	10
14	19	6.4	200	105	10

115-250 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7	11.5	2.8	250	101	10
8	12.7	3.5	250	103	10
10	14.5	4.2	250	110	10
12	17	5.6	250	118	10
13	18	6	250	122	10
14	19	6.4	250	124	10

115G-75/-100/-150/-200

Nut Setters with sliding Magnet
Steckschlüssel Klingen mit versenkbarem Magnet
Embouts avec aimant, glissant pour écrous

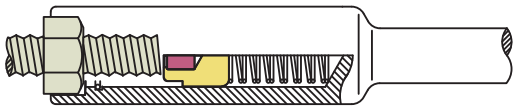


115G-75 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	3.5	26	75	34	10
8	12.7	4	26	75	41	10
10	14.5	4.5	26	75	48	10
12	17	6	26	75	65	10
13	18	6.5	25	75	70	10
14	19	7	24	75	73	10

115G-100 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	3.5	26	100	51	10
8	12.7	4	26	100	51	10
10	14.5	4.5	26	100	57	10
12	17	6	26	100	77	10
13	18	6.5	25	100	80	10
14	19	7	24	100	82	10

115G-150 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	3.5	26	150	67	10
8	12.7	4	26	150	70	10
10	14.5	4.5	26	150	77	10
12	17	6	26	150	95	10
13	18	6.5	25	150	100	10
14	19	7	24	150	105	10

115G-200 (mm)	D (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	11.5	3.5	26	200	86	10
8	12.7	4	26	200	89	10
10	14.5	4.5	26	200	96	10
12	17	6	26	200	119	10
13	18	6.5	25	200	125	10
14	19	7	24	200	128	10



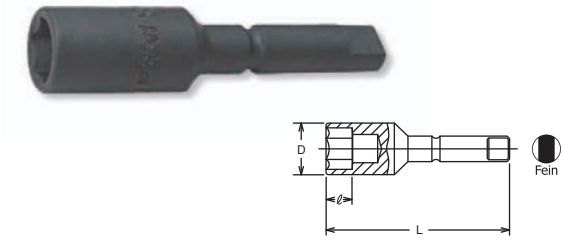
Sliding magnet system provides bolt clearance and magnetic function at the same time. The item 115G is mainly designed for assembly line work.

Die Steckschlüsselklinge mit versenkbarem Magnet bietet die Funktion eines Haltemagneten und genügend Freiraum für überstehende Bolzen. Dieses Werkzeug eignet sich vor allem für Montagearbeiten.

L'embout avec aimant glissant offre une fonction d'aimant et laisse assez d'espace pour des goujons surmontés. L'objet 115G a été conçu spécialement pour le travail d'assemblage.

118

Nut Setters
Steckschlüssel Klingen
Embouts pour écrous

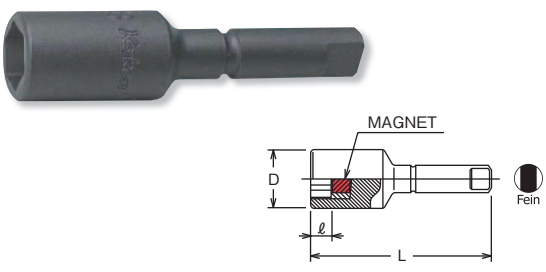


118 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5.5	9	4	50	16	10
6	10	5	50	19	10
7	11	5	50	21	10
8	12	6	50	21	10
10	14.2	7	50	34	10
12	17	8	50	41	10
13	18	8	50	46	10

118 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	10	5	50	19	10
5/16	12	6	50	21	10
3/8	14.2	7	50	34	10
1/2	18	8	50	46	10

119

Nut Setters with Magnet
Steckschlüssel Klingen mit Magnet
Embouts avec aimant pour écrous



119 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5.5	9	2.1	50	17	10
6	10	2.4	50	20	10
7	11	2.8	50	22	10
8	12	3.5	50	23	10
10	14.2	4.2	50	30	10
12	17	5.6	50	42	10
13	18	6	50	52	10

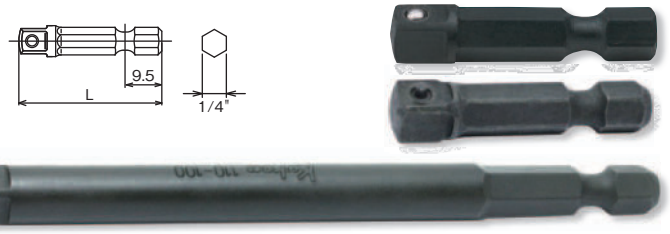
119 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
1/4	10	1.8	50	20	10
5/16	12	3.5	50	23	10
3/8	14.2	4.2	50	30	10

110-35B/-50B/-100B/-150B -35P/-50P/-100P/-150P

Adaptors
Verbindungsstücke
Adaptateurs

110	☐	TYPE	L (mm)	(g)	(pcs.)
35B	1/4"	Ball	35	9	10
35P		Pin	35	9	10
50B		Ball	50	15	10
50P		Pin	50	15	10
100B		Ball	100	34	10
100P		Pin	100	34	10
150B		Ball	150	54	10
150P		Pin	150	54	10

● DIN 3126 Form E 6.3

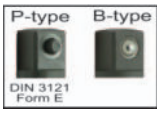


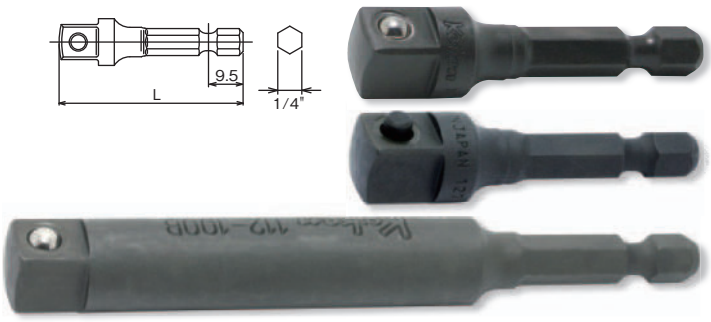
112-50B/-100B/-150B -50P/-100P/-150P

Adaptors
Verbindungsstücke
Adaptateurs

112	☐	TYPE	L (mm)	(g)	(pcs.)
50B	3/8"	Ball	50	22	10
50P		Pin	50	22	10
100B		Ball	100	71	10
100P		Pin	100	71	10
150B		Ball	150	121	10
150P		Pin	150	121	10

● DIN 3126 Form E 6.3



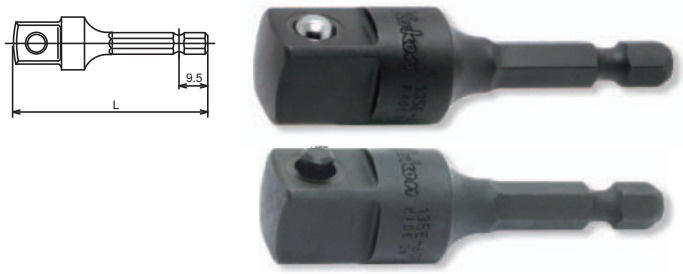


135E-60B/-60P

Adaptor
Verbindungsstück
Adaptateurs

135E	☐	TYPE	L (mm)	(g)	(pcs.)
60B	1/2"	Ball	60	64	10
60P		Pin	60	64	10

● DIN 3126 Form E 6.3



117-50B/-100B -50P/-100P

Adaptors
Verbindungsstücke
Adaptateurs

117	☐	TYPE	L (mm)	(g)	(pcs.)
50B	1/4"	Ball	50	16	10
50P		Pin	50	16	10
100B		Ball	100	36	10
100P		Pin	100	36	10

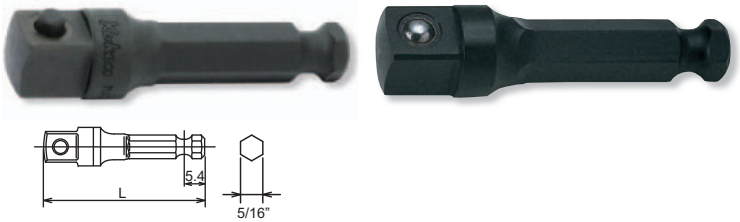
◐ DIN 3126 Form G7

120-50B/-50P

Adaptor
Verbindungsstück
Adaptateurs

120	☐	TYPE	L (mm)	(g)	(pcs.)
50B	3/8"	Ball	50	27	10
50P		Pin	50	27	10

● DIN 3126 Form E8

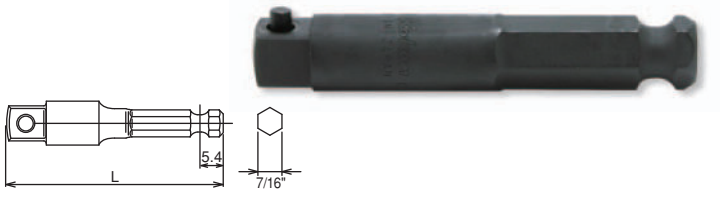


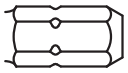
186-75P

Adaptor
Verbindungsstück
Adaptateurs

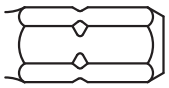
186	☐	L (mm)	(g)	(pcs.)
75P	3/8"	75	65	10
75P	1/2"	75	85	10

● DIN 3126 Form E11.2

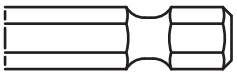




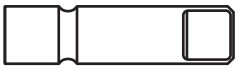
DIN 3126
Form C6.3



DIN 3126
Form C8

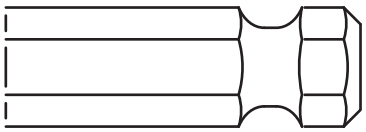


DIN 3126
Form E6.3



DIN 3126
Form G7

DIN 3126
Form E8



DIN 3126
Form E11.2

1/4”

3/8”

1/2”

5/8”

3/4”

1”

1-1/2”

2-1/2”

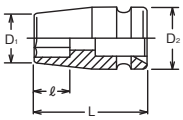
3-1/2”

IMPACT

SOCKETS
STECKSCHLÜSSEL
DOUILLES

12400M / 12400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



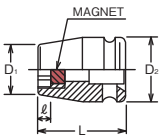
12400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5/32	7.5	13	4	23	14	10	*1
3/16	8.1	13	4	23	14	10	*1
1/4	10	13	5	23	14	10	*1
9/32	11.3	13	5	23	14	10	*1
5/16	12.5	13	6	23	14	10	*1
11/32	13.8	13	7	23	14	10	*1
3/8	15	13	7	23	15	10	*1
7/16	16.3	13	8	23	18	10	*1
1/2	18.8	13	8	23	19	10	*1
9/16	20	13	9	23	20	10	*1

*1 Pin/O-Ring=1200A/B ➡P243

12400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
4	7.5	13	4	23	14	10	*1
4.5	8.1	13	4	23	14	10	*1
5	8.8	13	4	23	14	10	*1
5.5	9.4	13	4	23	14	10	*1
6	10	13	5	23	14	10	*1
7	11.3	13	5	23	14	10	*1
8	12.5	13	6	23	14	10	*1
9	13.8	13	7	23	14	10	*1
10	15	13	7	23	15	10	*1
11	16.3	13	8	23	18	10	*1
12	17.5	13	8	23	19	10	*1
13	18.8	13	8	23	19	10	*1
14	20	13	9	23	20	10	*1

12400MG / 12400AG

6-point Sockets with Magnet
6-kant Steckschlüssel mit Magnet
Douilles 6-pans avec aimant



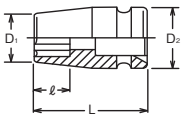
12400AG (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
3/16	8.1	13	2.1	23	13	10	*1
1/4	10	13	2.4	23	16	10	*1
5/16	12.5	13	3.5	23	17	10	*1
11/32	13.8	13	3.8	23	18	10	*1
3/8	15	13	4.2	23	18	10	*1
7/16	16.3	13	4.9	23	21	10	*1
1/2	18.8	13	6	25	21	10	*1
9/16	20	13	6.4	25	20	10	*1

*1 Pin/O-Ring=1200A/B ➡P243

12400MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
4	7.5	13	2.1	23	12	10	*1
4.5	8.1	13	2.1	23	13	10	*1
5	8.8	13	2.1	23	15	10	*1
5.5	9.4	13	2.1	23	15	10	*1
6	10	13	2.4	23	16	10	*1
7	11.3	13	2.8	23	16	10	*1
8	12.5	13	3.5	23	17	10	*1
9	13.8	13	3.8	23	18	10	*1
10	15	13	4.2	23	18	10	*1
11	16.3	13	4.9	23	21	10	*1
12	17.5	13	5.6	25	21	10	*1
13	18.8	13	6	25	21	10	*1
14	20	13	6.4	25	20	10	*1

12410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



12410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	10	13	5	23	14	10	*1
7	11.3	13	5	23	15	10	*1
8	12.5	13	6	23	15	10	*1
9	13.8	13	7	23	14	10	*1
10	15	13	7	23	14	10	*1
11	16.3	13	8	23	17	10	*1
12	17.5	13	8	23	19	10	*1
13	18.8	13	8	23	19	10	*1

*1 Pin/O-Ring=1200A/B ➡P243

SURFACE DRIVE

Surface drive sockets are designed to retain contact with the flat sides of the nut in order to transmit higher torque and reduce nut wear.
These sockets are ideal for using on polished nuts, aluminum nuts and nuts with worn out points.

Das Profil unserer Surface-Drive Steckschlüssel greift die Schraube an deren Flächen. Dies sichert eine höhere Kraftübertragung und verhindert ein Durchrutschen des Steckschlüssels. Diese Steckschlüssel eignen sich besonders für polierte Schrauben, Aluminium Schrauben und Schrauben bei denen die Ecken bereits abgerundet sind.

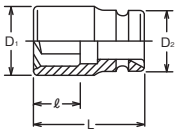
Notre profil Surface Drive assure le contact entre la douille et les plats de l'écrou. Ceci réduit l'usure et permet la transmission d'un couple plus élevé. C'est une solution idéale pour les écrous polies, celles en aluminium ou arrondies.

12465M

Pathfinder Sockets
Pathfinder Steckschlüssel
Douilles Pathfinder

12465M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15	13	8	23	17	10	*1
11	16.3	13	8	23	18	10	*1
12	17.5	13	9	23	18	10	*1
13	18.8	13	9	23	20	10	*1

*1 Pin/O-Ring=1200A/B ➔P243



PATHFINDER®

The beveled flats of the 6-points opening of the PATHFINDER socket engage the nut almost immediately. PATHFINDER sockets are ideal for using with power tools in automatic assembly processes, as the power tool does not have to be totally stopped for the socket to engage the nut.

Da die Maschine nicht nach jedem Schraubvorgang angehalten werden muss, ergibt sich eine erhöhte Produktivität, die sich bei vollautomatischen Maschinen (Mehrspindelschrauber) ganz besonders auswirkt.

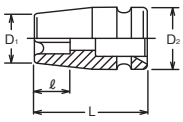
Les parois en biais du 6-pans des douilles Pathfinder assurent l'engagement quasi immédiat de l'écrou. Le fait de ne pas devoir arrêter la machine après chaque serrage procure un gain de productivité particularité appréciable dans les chaînes de montage automatiques.

12425

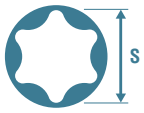
TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®

12425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
E 4	6.6	13	4.6	23	14	10	*1
E 5	7.7	13	5.2	23	15	10	*1
E 6	8.7	13	5.4	23	15	10	*1
E 7	9.2	13	6.6	23	15	10	*1
E 8	9.7	13	7	23	15	10	*1
E10	12.2	13	8.2	23	15	10	*1

*1 Pin/O-Ring=1200A/B ➔P243



TORX® (E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S	(ref. mm)	3.83	4.72	5.69	6.17	7.47	9.37	10.03	11.12	12.85	14.71	16.64	18.41	20.24	22.10	23.85	25.65

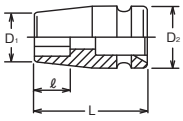
12460M
12460A

For Self-Tapping Screws
Für selbstschneidende Schrauben
Pour vis auto-taraudeuses

12460M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5.5	9.7	13	4	23	15	10	*1
6	10.3	13	5	23	15	10	*1
7	11.6	13	5	23	16	10	*1
8	12.8	13	6	23	16	10	*1
10	15.3	13	7	23	19	10	*1
13	19.1	13	8	23	23	10	*1

12460A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.3	13	5	23	15	10	*1
5/16	12.8	13	6	23	16	10	*1
3/8	15.3	13	7	23	19	10	*1
1/2	19.1	13	8	23	23	10	*1

*1 Pin/O-Ring=1200A/B ➔P243



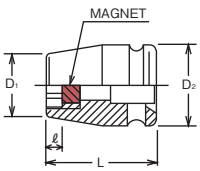
12460MG
12460AG

With Magnet for Self-Tapping Screws
mit Magnet für selbstschneidende Schrauben
avec aimant pour vis auto-taraudeuses

12460MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5.5	9.7	13	2.1	23	16	10	*1
6	10.3	13	2.4	23	16	10	*1
7	11.6	13	2.8	23	16	10	*1
8	12.8	13	3.5	25	18	10	*1
10	15.3	13	4.2	28	20	10	*1
13	19.1	13	6	30	23	10	*1
14	20	13	6.4	30	24	10	*1

12460AG (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.3	13	2.4	23	16	10	*1
5/16	12.8	13	3.5	25	18	10	*1
3/8	15.3	13	4.2	28	20	10	*1
7/16	16.6	13	4.9	29	27	10	*1
1/2	19.1	13	6	30	23	10	*1

*1 Pin/O-Ring=1200A/B ➔P243



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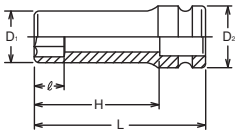
TORX® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

12300M

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans

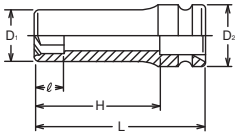


12300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
New 7	11.3	13	7	38	48	30	10	*1
8	12.5	13	8	38	48	32	10	*1
10	15	13	10	37	48	34	10	*1
New 11	16.3	13	11	37	48	46	10	*1
12	17.5	13	12	37	48	49	10	*1
13	18.8	13	13	37	48	52	10	*1
14	20	13	14	36	48	57	10	*1

*1 Pin/O-Ring=1200A/B ➡P243

12365M

Pathfinder Sockets, deep
Pathfinder Steckschlüssel, lang
Douilles longues, Pathfinder

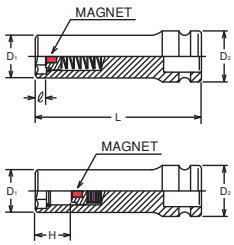


12365M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	15	13	8	37	48	34	10	*1
11	16.3	13	8	37	48	46	10	*1
12	17.5	13	9	37	48	49	10	*1
13	18.8	13	9	37	48	52	10	*1

*1 Pin/O-Ring=1200A/B ➡P243

12300G

Impact Socket with Sliding Magnet
Impact Steckschlüssel mit versenkbarem Magnet
Douilles Impact avec aimant, glissant pour écrous

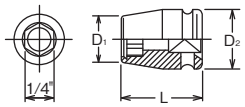


12300G (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	12.5	13	4	22	48	32	10	*1
10	15	13	4.5	20.5	48	34	10	*1
12	17.5	13	6	24.5	48	49	10	*1
13	18.8	13	6.5	23	48	52	10	*1
14	20	13	7	21	48	57	10	*1

*1 Pin/O-Ring=1200A/B ➡P243

12139

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
12139-1/4	11	13	26	15	10	*1

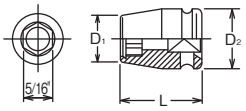
*1 Pin/O-Ring=1200A/B ➡P243

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour embouts DIN3126 C6.3

D6.3

12140

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
12140-5/16	14	13	26	15	10	*1

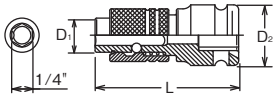
*1 Pin/O-Ring=1200A/B ➡P243

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour embouts DIN3126 C8

D8

12142-F6.3

Impact Bit Holder
Impact Klingenhalter
Porte embouts Impact



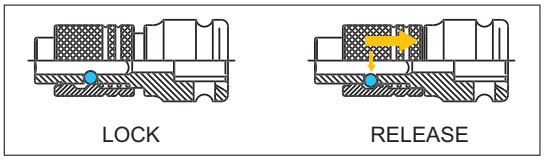
	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
12142-F6.3	16.5	13	36	22	10	*1

*1 Pin/O-Ring=1200A/B ➡P243

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour embouts DIN3126 E6.3

F6.3

Lock & Quick Release

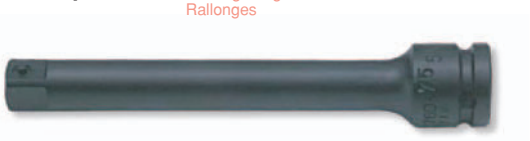


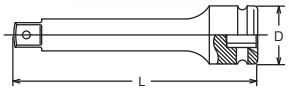
12760-55P/-75P

Extension Bars
Verlängerungen
Rallonges

12760	D (mm)	L (mm)	(g)	(pcs.)	
55P	13	55	26	10	*1
75P	13	75	45	10	*1

*1 Pin/O-Ring=1200A/B ➔P243





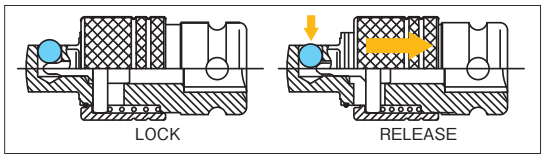
12222AL

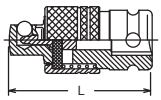
Adaptor (Quick Release)
Schnellwechsel-Verbindungsstück
Adaptateur autoserrant

	L (mm)	(g)	(pcs.)	
12222AL	35	30	10	*1

*1 Pin/O-Ring=1200A/B ➔P243

Lock & Quick Release



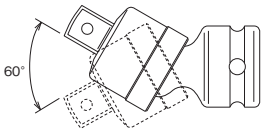


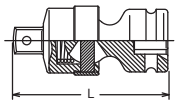
12770-P

Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pcs.)	
12770-P	39	30	10	*1

*1 Pin/O-Ring=1200A/B ➔P243



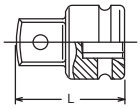


12233A-P

Adaptor
Verbindungsstück
Augmentateur

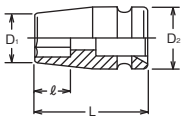
	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
12233A-P	1/4"	3/8"	22	15	10	*1

*1 Pin/O-Ring=1200A/B ➔P243



13400M / 13400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



13400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.8	19	5	32	40	10	*1
5/16	13.3	19	6	32	40	10	*1
3/8	15.8	19	7	32	40	10	*1
7/16	17	19	8	32	41	10	*1
1/2	19.5	22	10	32	56	10	*2
9/16	20.8	22	10	32	56	10	*2
5/8	23.3	22	11	32	57	10	*2
11/16	24.5	22	12	32	60	10	*2
3/4	27	22	12	32	67	10	*2
13/16	29.5	22	12	32	71	10	*2
7/8	30.8	22	13	32	72	10	*2

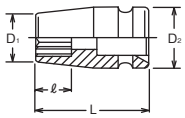
*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

13400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	10.8	19	5	32	40	10	*1
7	12	19	5	32	40	10	*1
8	13.3	19	6	32	40	10	*1
9	14.5	19	7	32	40	10	*1
10	15.8	19	7	32	40	10	*1
11	17	19	8	32	41	10	*1
12	18.3	19	9	32	43	10	*1
13	19.5	22	10	32	56	10	*2
14	20.8	22	10	32	56	10	*2
15	22	22	11	32	56	10	*2
16	23.3	22	11	32	57	10	*2
17	24.5	22	12	32	60	10	*2
18	25.8	22	12	32	62	10	*2
19	27	22	12	32	67	10	*2
20	28.3	22	12	32	70	10	*2
21	29.5	22	12	32	71	10	*2
22	30.8	22	13	32	72	10	*2
23	32	22	13	32	75	10	*2
24	33.3	22	13	32	78	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

13405M / 13405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



13405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	13.3	19	6	32	40	10	*1
9	14.5	19	7	32	40	10	*1
10	15.8	19	7	32	40	10	*1
12	18.3	19	9	32	43	10	*1
13	19.5	22	10	32	56	10	*2
14	20.8	22	10	32	56	10	*2
15	22	22	11	32	56	10	*2
17	24.5	22	12	32	60	10	*2
19	27	22	12	32	67	10	*2

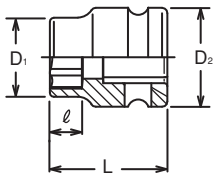
13405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.8	19	5	32	40	10	*1
5/16	13.3	19	6	32	40	10	*1
3/8	15.8	19	7	32	40	10	*1
7/16	17	19	8	32	41	10	*1
1/2	19.5	22	10	32	56	10	*2
9/16	20.8	22	10	32	56	10	*2
5/8	23.3	22	11	32	57	10	*2
11/16	24.5	22	12	32	60	10	*2
3/4	27	22	12	32	67	10	*2
13/16	29.5	22	12	32	71	10	*2
7/8	30.8	22	13	32	72	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

13401MS

6-point short sockets, Thin Walled
6-kant Steckschlüssel kurz, dünnwandig
Douilles 6pans courtes, a paroi mince

thin



13401MS (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	12.3	18.5	6	22	25	10	*1
10	14.8	18.5	6	22	25	10	*1
12	17.3	18.5	10	22	20	10	*1
13	18.5	21.5	10	22	30	10	*2
14	19.8	21.5	10	22	30	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

RS13401MS/5

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

thin

RS13401MS/5	5 Pieces Set/Rail 150mm	(g)
8, 10, 12, 13, 14		180

13401M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	9.8	18.5	5	32	28	10	*1
7	11	18.5	5	32	30	10	*1
8	12.3	18.5	6	32	31	10	*1
9	13.5	18.5	7	32	32	10	*1
10	14.8	18.5	7	32	34	10	*1
11	16	18.5	8	32	35	10	*1
12	17.3	18.5	9	32	36	10	*1
13	18.5	21.5	10	32	43	10	*2
14	19.8	21.5	10	32	49	10	*2
15	21	21.5	11	32	49	10	*2
16	22.3	21.5	11	32	51	10	*2
17	23.5	21.5	12	32	54	10	*2
18	24.8	21.5	12	32	57	10	*2
19	26	21.5	12	32	60	10	*2
20	27.3	21.5	12	32	65	10	*2
21	28.5	21.5	12	32	70	10	*2
22	29.8	21.5	13	32	73	10	*2
23	31	21.5	13	32	73	10	*2
24	32.3	21.5	13	32	75	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➔P242-243

RS13401M/9	9 Pieces Set/Rail 250mm	(g)
8, 10, 12, 13, 14, 17, 19, 21, 22		505

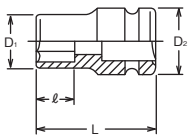
13406M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	9.8	18.5	5	32	28	10	*1
7	11	18.5	5	32	30	10	*1
8	12.3	18.5	6	32	31	10	*1
9	13.5	18.5	7	32	32	10	*1
10	14.8	18.5	7	32	34	10	*1
11	16	18.5	8	32	35	10	*1
12	17.3	18.5	9	32	36	10	*1
13	18.5	21.5	10	32	43	10	*2
14	19.8	21.5	10	32	49	10	*2
15	21	21.5	11	32	49	10	*2
16	22.3	21.5	11	32	51	10	*2
17	23.5	21.5	12	32	54	10	*2
18	24.8	21.5	12	32	57	10	*2
19	26	21.5	12	32	60	10	*2
20	27.3	21.5	12	32	65	10	*2
21	28.5	21.5	12	32	70	10	*2
22	29.8	21.5	13	32	73	10	*2
23	31	21.5	13	32	73	10	*2
24	32.3	21.5	13	32	75	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➔P242-243

13401M
13401A

6-point Socket, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 6-pans

thin



13401A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	9.8	18.5	5	32	28	10	*1
5/16	12.3	18.5	6	32	31	10	*1
3/8	14.8	18.5	7	32	34	10	*1
7/16	16	18.5	8	32	35	10	*1
1/2	18.5	21.5	10	32	43	10	*2
9/16	19.8	21.5	10	32	49	10	*2
5/8	22.3	21.5	11	32	51	10	*2
11/16	23.5	21.5	12	32	54	10	*2
3/4	26	21.5	12	32	60	10	*2
13/16	28.5	21.5	12	32	70	10	*2
7/8	29.8	21.5	13	32	73	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➔P242-243

RS13401M/9

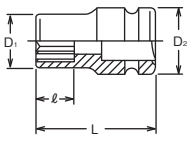
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

thin

13406M
13406A

12-point Socket, Thin Walled
12-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 12-pans

thin

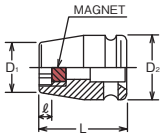


13406A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	9.8	18.5	5	32	28	10	*1
5/16	12.3	18.5	6	32	31	10	*1
3/8	14.8	18.5	7	32	34	10	*1
7/16	16	18.5	8	32	35	10	*1
1/2	18.5	21.5	10	32	43	10	*2
9/16	19.8	21.5	10	32	49	10	*2
5/8	22.3	21.5	11	32	51	10	*2
11/16	23.5	21.5	12	32	54	10	*2
3/4	26	21.5	12	32	60	10	*2
13/16	28.5	21.5	12	32	70	10	*2
7/8	29.8	21.5	13	32	73	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➔P242-243

13400MG / 13400AG

6-point Sockets with Magnet
6-kant Steckschlüssel mit Magnet
Douilles 6-pans avec aimant



13400AG (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	10.8	19	2.4	32	46	10	*1
5/16	13.3	19	3.5	32	45	10	*1
11/32	14.5	19	3.8	32	44	10	*1
3/8	15.8	19	4.2	32	49	10	*1
7/16	17	19	4.9	32	50	10	*1
1/2	19.5	22	6	32	70	10	*2
9/16	20.8	22	6.4	32	76	10	*2
5/8	23.3	22	7	32	88	10	*2
11/16	24.5	22	7.5	32	95	10	*2
3/4	27	22	8	32	116	10	*2

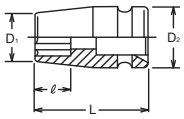
*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

13400MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	10.8	19	2.4	32	46	10	*1
7	12	19	2.8	32	45	10	*1
8	13.3	19	3.5	32	45	10	*1
9	14.5	19	3.8	32	44	10	*1
10	15.8	19	4.2	32	49	10	*1
11	17	19	4.9	32	50	10	*1
12	18.3	19	5.6	32	55	10	*1
13	19.5	22	6	32	70	10	*2
14	20.8	22	6.4	32	76	10	*2
15	22	22	6.8	32	76	10	*2
16	23.3	22	7	32	88	10	*2
17	24.5	22	7.5	32	95	10	*2
18	25.8	22	7.8	32	105	10	*2
19	27	22	8	32	116	10	*2
21	29.5	22	8	32	125	10	*2
22	30.8	22	9.5	32	135	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

13410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



13410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	10.8	19	5	32	40	10	*1
7	12	19	5	32	40	10	*1
8	13.3	19	6	32	40	10	*1
9	14.5	19	7	32	40	10	*1
10	15.8	19	7	32	40	10	*1
11	17	19	8	32	42	10	*1
12	18.3	19	9	32	50	10	*1
13	19.5	22	10	32	56	10	*2
14	20.8	22	10	32	56	10	*2
15	22	22	11	32	56	10	*2
16	23.3	22	11	32	57	10	*2
17	24.5	22	12	32	60	10	*2
19	27	22	12	32	67	10	*2
22	30.8	22	13	32	72	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

13465M

Pathfinder Sockets
Pathfinder Steckschlüssel
Douilles Pathfinder

13465M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
New 8	13.3	19	8	32	40	10	*1
10	15.8	19	8	32	43	10	*1
11	17	19	8	32	44	10	*1
12	18.3	19	9	32	47	10	*1
13	19.5	22	9	32	55	10	*2
14	20.8	22	11	32	56	10	*2
15	22	22	11	32	56	10	*2
16	23.3	22	11	32	57	10	*2
17	24.5	22	12	32	60	10	*2
18	25.8	22	13	32	63	10	*2
19	27	22	13	32	66	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

PATHFINDER®

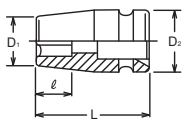
The beveled flats of the 6-points opening of the PATHFINDER socket engage the nut almost immediately. PATHFINDER sockets are ideal for using with power tools in automatic assembly processes, as the power tool does not have to be totally stopped for the socket to engage the nut.

Da die Maschine nicht nach jedem Schraubvorgang angehalten werden muss, ergibt sich eine erhöhte Produktivität, die sich bei vollautomatischen Maschinen (Mehrspindelschrauber) ganz besonders auswirkt.

Les parois en biais du 6-pans des douilles Pathfinder assurent l'engagement quasi immédiat de l'écrou. Le fait de ne pas devoir arrêter la machine après chaque serrage procure un gain de productivité particularité appréciable dans les chaînes de montage automatiques.

13425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



13425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
E 4	9.7	19	4.6	32	44	10	*1
E 5	10.2	19	5.2	32	43	10	*1
E 6	10.7	19	5.4	32	44	10	*1
E 7	11.2	19	6.6	32	44	10	*1
E 8	11.7	19	7	32	44	10	*1
E10	12.2	19	8.2	32	42	10	*1
E12	14.2	19	9.3	32	43	10	*1
E14	17.2	19	10.6	32	44	10	*1
E16	18.2	19	11.8	32	42	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
➡P242-243

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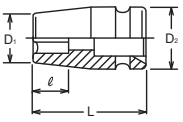
13425-EPL

TORX PLUS® Sockets
TORX PLUS® Steckschlüssel
Douilles TORX PLUS®

TORX plus®

13425-EPL (EPL)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8EPL	12	19	5.2	32	44	10	*1
10EPL	13.3	19	6.2	32	44	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P242-243



13460M / 13460A

For Self-Tapping Screws
Für selbstschneidende Schrauben
Pour vis auto-taraudeuses

13460M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	11.4	19	5	32	43	10	*1
7	12.8	19	5	32	44	10	*1
8	14.1	19	6	32	44	10	*1
10	16.6	19	7	32	45	10	*1
13	20.3	22	10	32	60	10	*2

13460A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	11.4	19	5	32	43	10	*1
3/8	16.6	19	7	32	45	10	*1
1/2	20.3	22	10	32	60	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P242-243

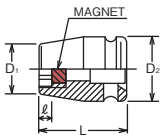
13460MG
13460AG

Sockets with magnets for Self-Tapping Screws
Steckschlüssel mit Magnet für selbstschneidende Schrauben
Douilles avec aimant pour vis auto-taraudeuses

13460MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	11.4	19	2.4	32	44	10	*1
7	12.8	19	2.8	32	46	10	*1
8	14.1	19	3.5	32	48	10	*1
10	16.6	19	4.2	33	54	10	*1
13	20.3	22	6	34	81	10	*2

13460AG (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/4	11.4	19	2.4	32	44	10	*1
5/16	14.1	19	3.5	32	48	10	*1
3/8	16.6	19	4.2	33	54	10	*1
1/2	20.3	22	6	34	81	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P242-243

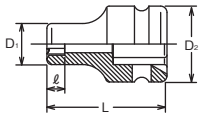


13401LH

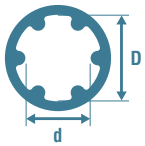
LHS Sockets
Steckschlüssel mit LHS Profil
Douilles au profil LHS

13401LH (LH-S)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5S	11	19	5	32	32	10	*1
6S	12.3	19	5.6	32	34	10	*1
8S	16	19	6.8	32	36	10	*1
10S	18.5	22	8	32	50	10	*2
12S	22.3	22	9.2	32	58	10	*2
14S	24.8	22	10.4	32	63	10	*2
16S	28.5	22	11.6	32	77	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P242-243



LHSTIX® (LH-S)



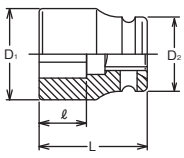
LH-S		LH-5S	LH-6S	LH-8S	LH-10S	LH-12S	LH-14S	LH-16S
D	(ref. mm)	7.5	9.0	12.0	15.0	18.0	21.0	24.0
d	(ref. mm)	5.60	6.78	9.04	11.30	13.56	15.82	18.08

13400-WN

Weld Nut Sockets
Steckschlüssel für Schweissmuttern
Douilles pour écrou à souder

13400-WN	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
New 6WN	15.8	19	6	32	48	10	*1
8WN	18.3	19	8	32	48	10	*1
9WN	19.5	22	9	32	47	10	*2
10WN	20.8	22	10	32	65	10	*2
12WN	24.5	22	12	32	73	10	*2
14WN	27	22	14	32	79	10	*2
17WN	32	22	17	35	110	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P242-243



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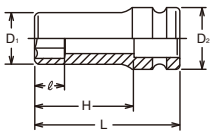
13301X

6-point Semi-Deep Socket, Thin Walled
6-kant Steckschlüssel mittel lang, dünnwandig
Douilles à paroi mince semi-longues, 6-pans

thin



13301X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	12.3	18.5	8	36.5	50	40	10	*1
10	14.8	18.5	10	36.5	50	46	10	*1
11	16	18.5	11	36.5	50	49	10	*1
12	17.3	18.5	12	36.5	50	53	10	*1
13	18.5	21.5	13	36.5	50	67	10	*2
14	19.8	21.5	14	36.5	50	70	10	*2
15	21	21.5	15	35.5	50	75	10	*2
16	22.3	21.5	16	35.5	50	78	10	*2
17	23.5	21.5	17	35.5	50	82	10	*2
18	24.8	21.5	18	34.5	50	86	10	*2
19	26	21.5	19	34.5	50	93	10	*2
21	28.5	21.5	21	34.5	50	104	10	*2
22	29.8	21.5	22	33.5	50	110	10	*2
23	31	21.5	23	33.5	50	115	10	*2
24	32.3	21.5	24	32.5	50	120	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

RS13301X/9

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

thin

RS13301X/9	9 Pieces Set/Rail 250mm	(g)
8, 10, 12, 13, 14, 17, 19, 21, 22		710

13300XG

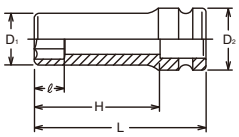
Impact semi-deep socket with Sliding Magnet
Impact Steckschlüssel mittel lang mit versenkbarem Magnet
Douilles sei-longues avec aimant, glissant pour écrous

13300XG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13.3	19	4	20.5	50	40	10	*1
10	15.8	19	4.5	20	50	46	10	*1
12	18.3	19	6	20	50	55	10	*1
13	19.5	22	6.5	19	50	70	10	*2
14	20.8	22	7	18	50	75	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

13300M / 13300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans



13300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
6	10.8	19	6	66.5	80	77	10	*1
7	12	19	7	66.5	80	82	10	*1
8	13.3	19	8	66.5	80	82	10	*1
9	14.5	19	9	66.5	80	88	10	*1
10	15.8	19	10	66.5	80	94	10	*1
11	17	19	11	66.5	80	110	10	*1
12	18.3	19	12	66.5	80	111	10	*1
13	19.5	22	13	66.5	80	138	10	*2
14	20.8	22	14	66.5	80	148	10	*2
15	22	22	15	65.5	80	157	10	*2
16	23.3	22	16	65.5	80	156	10	*2
17	24.5	22	17	65.5	80	168	10	*2
18	25.8	22	18	64.5	80	190	10	*2
19	27	22	19	64.5	80	192	10	*2
20	28.3	22	20	64.5	80	224	10	*2
21	29.5	22	21	64.5	80	226	10	*2
22	30.8	22	22	63.5	80	231	10	*2

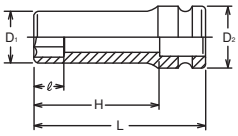
13300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
1/4	10.8	19	6	66.5	80	77	10	*1
5/16	13.3	19	8	66.5	80	82	10	*1
3/8	15.8	19	10	66.5	80	94	10	*1
7/16	17	19	11	66.5	80	110	10	*1
1/2	19.5	22	13	66.5	80	138	10	*2
9/16	20.8	22	14	66.5	80	148	10	*2
5/8	23.3	22	16	65.5	80	156	10	*2
11/16	24.5	22	17	65.5	80	168	10	*2
3/4	27	22	19	64.5	80	192	10	*2
13/16	29.5	22	21	64.5	80	226	10	*2
7/8	30.8	22	22	63.5	80	231	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➡P242-243

13301M
13301A

6-point Deep Socket, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince longues, 6-pans

thin



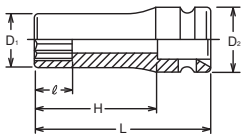
13301M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
6	10	18.5	6	66.5	80	65	10	*1
7	11	18.5	7	66.5	80	66	10	*1
8	12.3	18.5	8	66.5	80	68	10	*1
9	13.5	18.5	9	66.5	80	70	10	*1
10	14.8	18.5	10	66.5	80	72	10	*1
11	16	18.5	11	66.5	80	80	10	*1
12	17.3	18.5	12	66.5	80	85	10	*1
13	18.5	21.5	13	66.5	80	100	10	*2
14	19.8	21.5	14	66.5	80	110	10	*2
15	21	21.5	15	65.5	80	120	10	*2
16	22.3	21.5	16	65.5	80	130	10	*2
17	23.5	21.5	17	65.5	80	136	10	*2
18	24.8	21.5	18	64.5	80	145	10	*2
19	26	21.5	19	64.5	80	155	10	*2
20	27.3	21.5	20	64.5	80	170	10	*2
21	28.5	21.5	21	64.5	80	181	10	*2
22	29.8	21.5	22	63.5	80	190	10	*2

13301A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
1/4	10	18.5	6	66.5	80	65	10	*1
5/16	12.3	18.5	8	66.5	80	68	10	*1
3/8	14.8	18.5	10	66.5	80	72	10	*1
7/16	16	18.5	11	66.5	80	80	10	*1
1/2	18.5	21.5	13	66.5	80	100	10	*2
9/16	19.8	21.5	14	66.5	80	110	10	*2
5/8	22.3	21.5	16	65.5	80	130	10	*2
11/16	23.5	21.5	17	65.5	80	136	10	*2
3/4	26	21.5	19	64.5	80	155	10	*2
13/16	28.5	21.5	21	64.5	80	181	10	*2
7/8	29.8	21.5	22	63.5	80	190	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➔P242-243

13305M

12-point Sockets, deep
12-kant Steckschlüssel, lang
Douilles longues, 12-pans

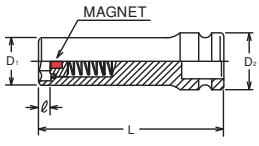


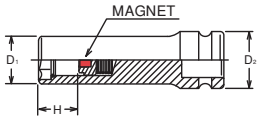
13305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13.3	19	8	66.5	80	82	10	*1
10	15.8	19	10	66.5	80	94	10	*1
12	18.3	19	12	66.5	80	111	10	*1
13	19.5	22	13	66.5	80	138	10	*2
14	20.8	22	14	66.5	80	148	10	*2
New **17**	24.5	22	17	65.5	80	168	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➔P242-243

13300G

Impact Socket with Sliding Magnet
Impact Steckschlüssel mit versenkbarem Magnet
Douilles Impact avec aimant, glissant pour écrous



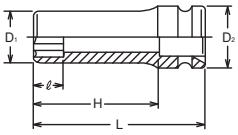


13300G (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13.3	19	4	26.5	80	82	10	*1
10	15.8	19	4.5	26	80	105	10	*1
12	18.3	19	6	26	80	136	10	*1
13	19.5	22	6.5	25	80	165	10	*2
14	20.8	22	7	24	80	186	10	*2
15	22	22	7	24	80	195	10	*2
17	24.5	22	8	27	80	220	10	*2
19	27	22	9	28	80	230	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➔P242-243

13310M

Surface Drive Sockets, deep
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive

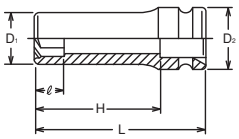


13310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
New **7**	11	18.5	7	66.5	80	70	10	*1
8	13.3	19	8	66.5	80	90	10	*1
9	14.5	19	9	66.5	80	90	10	*1
10	15.8	19	10	66.5	80	97	10	*1
11	17	19	11	66.5	80	110	10	*1
12	18.3	19	12	66.5	80	105	10	*1
13	19.5	22	13	66.5	80	135	10	*2
14	20.8	22	14	66.5	80	145	10	*2
15	22	22	15	65.5	80	160	10	*2
16	23.3	22	16	65.5	80	156	10	*2
17	24.5	22	17	65.5	80	168	10	*2
19	27	22	19	64.5	80	190	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➔P242-243

13365M

Pathfinder Sockets, deep
Pathfinder Steckschlüssel, lang
Douilles longues, Pathfinder

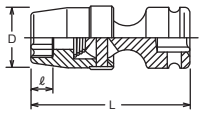


13365M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	15.8	19	8	66.5	80	99	10	*1
11	17	19	8	66.5	80	108	10	*1
12	18.3	19	9	66.5	80	110	10	*1
13	19.5	22	9	66.5	80	142	10	*2
14	20.8	22	11	66.5	80	144	10	*2
15	22	22	11	65.5	80	150	10	*2
16	23.3	22	11	65.5	80	159	10	*2
17	24.5	22	12	65.5	80	170	10	*2
18	25.8	22	13	64.5	80	201	10	*2
19	27	22	13	64.5	80	203	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P242-243

13440M / 13440A

Universal Sockets
Gelenk-Einsätze
Douilles universelles



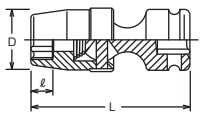
13440M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15.8	5	57	115	10	*1
11	17	6	57	115	10	*1
12	18.3	6	57	115	10	*1
13	19.5	6	57	115	10	*1
14	20.8	7	59	120	10	*1
15	22	7	59	120	10	*1
16	23.3	8	59	120	10	*1
17	24.5	8	59	120	10	*1
18	25.8	9	61	126	10	*1
19	27	10	61	130	10	*1
20	29.5	10	61	135	10	*1
21	30.7	14	66	175	10	*1
22	32	13	66	185	10	*1
24	34.5	13	68	190	10	*1

13440A (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
3/8	15.8	5	57	115	10	*1
7/16	17	6	57	115	10	*1
1/2	19.5	6	57	115	10	*1
9/16	20.8	7	59	120	10	*1
5/8	23.3	8	59	120	10	*1
11/16	24.5	8	59	120	10	*1
3/4	27	10	61	130	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P242-243

13440T

TORX® Universal Sockets
TORX® Gelenk-Einsätze
Douilles universelles TORX®

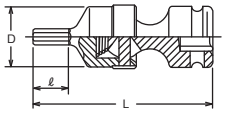


13440T (E)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
E10	13.3	8.2	58	115	10	*1
E12	15.8	9.3	58	115	10	*1
E14	17	10.6	58	115	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P242-243

13430M

Universal Inhex Sockets
Gelenk-Einsätze für Schrauben mit Innensechskant
Douilles universelles 6-pans malês



13430M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5	24	15	74	120	10	*1
6	24	15	74	131	10	*1
8	24	20	74	136	10	*1
10	24	20	74	141	10	*1
17	24	7	53	150	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P242-243

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13145M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
6	10.8	19	6	150	105	1	*1
8	13.3	19	8	150	110	1	*1
10	15.8	19	10	150	120	1	*1
12	18.3	19	12	150	128	1	*1
13	19.5	19	13	150	137	1	*1
14	20.8	19	14	150	146	1	*1
15	22	19	15	150	155	1	*1
17	24.5	19	17	150	163	1	*1

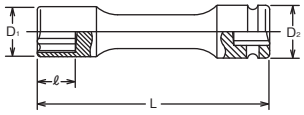
13145M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
6	10.8	19	6	200	136	1	*1
8	13.3	19	8	200	141	1	*1
10	15.8	19	10	200	151	1	*1
12	18.3	19	12	200	159	1	*1
13	19.5	19	13	200	168	1	*1
14	20.8	19	14	200	177	1	*1
15	22	19	15	200	186	1	*1
17	24.5	19	17	200	194	1	*1

13145M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
6	10.8	19	6	250	167	1	*1
8	13.3	19	8	250	172	1	*1
10	15.8	19	10	250	182	1	*1
12	18.3	19	12	250	190	1	*1
13	19.5	19	13	250	199	1	*1
14	20.8	19	14	250	208	1	*1
15	22	19	15	250	217	1	*1
17	24.5	19	17	250	225	1	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P242-243

13145M-100/-150/-200/-250

Extra Long Sockets
Schaftsteckschlüssel
Douilles, série allongée



13145M-100 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
8	13.3	19	8	100	90	1	*1
10	15.8	19	10	100	92	1	*1
12	18.3	19	12	100	100	1	*1
New 13	19.5	19	13	100	108	1	*1
14	20.8	19	14	100	112	1	*1
17	24.5	19	17	100	140	1	*1

13145M-100 (12P) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	15.8	19	10	100	91	1	*1
12	18.3	19	12	100	100	1	*1

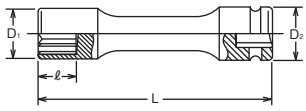
13145M-150 (12P) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	15.8	19	10	150	120	1	*1
12	18.3	19	12	150	128	1	*1

13145M-200 (12P) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	15.8	19	10	200	151	1	*1
12	18.3	19	12	200	159	1	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P242-243

13145M-100 (12P)/-150 (12P)/-200 (12P)

Extra long 12-Point Sockets
Extra lange 12-kant Steckschlüssel
Douilles, série allongée 12 pans



13145A-150 (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
9/16(D20)	20	19	13	150	130	1	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P242-243

For Land Rover Prop Shaft

13145A-150

Extra Long Socket
Schaftsteckschlüssel
Douilles, série allongée

thin

13145MG-100 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
8	13.3	19	3.5	100	90	1	*1
10	15.8	19	4.2	100	93	1	*1
12	18.3	19	5.6	100	105	1	*1
13	19.5	19	6	100	115	1	*1
14	20.8	19	6.4	100	120	1	*1

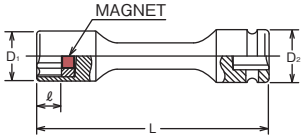
13145MG-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	15.8	19	4.2	150	125	1	*1
12	18.3	19	5.6	150	136	1	*1
13	19.5	19	6	150	145	1	*1
14	20.8	19	6.4	150	150	1	*1

13145MG-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	15.8	19	4.2	200	182	1	*1
12	18.3	19	5.6	200	190	1	*1
13	19.5	19	6	200	208	1	*1
14	20.8	19	6.4	200	225	1	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P242-243

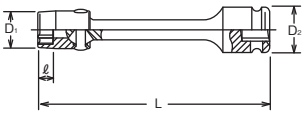
13145MG-100/-150/-200

Extra Long Socket with Magnet
Schaftsteckschlüssel mit Magnet
Douilles, série allongée, avec aimant



13146M-150/-200/-250

Extra Long Universal Sockets
Schaftsteckschlüssel mit Gelenk
Douilles, articulées, série allongée



13146M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
8	12	19	6	150	128	1	*1
10	14.3	19	7	150	131	1	*1
12	18	19	8	150	133	1	*1
13	19.3	19	8.5	150	132	1	*1
14	20	19	9	150	132	1	*1

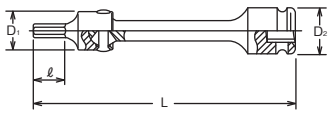
13146M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
8	12	19	6	200	159	1	*1
10	14.3	19	7	200	162	1	*1
12	18	19	8	200	164	1	*1
13	19.3	19	8.5	200	163	1	*1
14	20	19	9	200	163	1	*1

13146M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
8	12	19	6	250	190	1	*1
10	14.3	19	7	250	193	1	*1
12	18	19	8	250	195	1	*1
13	19.3	19	8.5	250	194	1	*1
14	20	19	9	250	194	1	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P242-243

13147M-150/-200

Extra Long Universal Inhex Sockets
Schaftsteckschlüssel mit Aussensechskant Gelenk
Douilles, articulées, à 6-pans mâle, série allongée



13147M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
4	21	19	15	150	125	1	*1
5	21	19	15	150	128	1	*1
6	21	19	15	150	132	1	*1
8	21	19	15	150	136	1	*1
10	21	19	15	150	140	1	*1

13147M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
4	21	19	15	200	156	1	*1
5	21	19	15	200	159	1	*1
6	21	19	15	200	163	1	*1
8	21	19	15	200	167	1	*1
10	21	19	15	200	171	1	*1

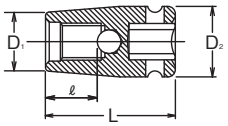
*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P242-243

13103M

Impact Stud Bolt Setters
Impact Stehbolzensetzer
Monte-goujons Impact

13103M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5(0.8)	9.5	19	8	32	39	10	*1
6(1.0)	10.8	19	9	32	41	10	*1
7(1.0)	12.5	19	10	32	44	10	*1
8(1.25)	13.5	19	10.5	35	49	10	*1
10(1.25)	15.8	19	13	35	49	10	*1
10(1.5)	15.8	19	13	35	49	10	*1

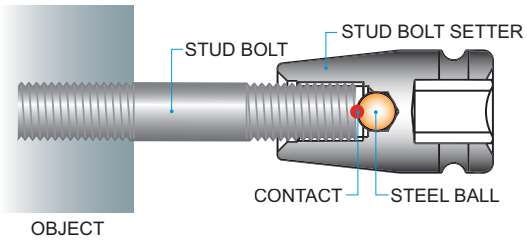
*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P242-243



A special socket for installing a stud bolt.
Inside steel ball prevent the stud bolt stuck onto the socket. After installing a stud bolt, turn to anti-clockwise to removing the socket.

Spezialwerkzeug zum Setzen von Stehbolzen. Der Bolzen trifft im Werkzeug nur auf den Stahlbolzen, was die Kontaktfläche verringert. Nach dem Setzen des Stehbolzens kann das Werkzeug im Linkslauf vom Stehbolzen abgezogen werden.

Douilles spéciales pour monter les goujons.
Le goujon est en contact avec une bille d’acier pour l’empêcher d’adhérer à la douille.
Après avoir posé le goujon, tourner dans le sens antihorlogique pour le retirer

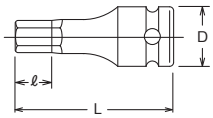


13012M-52

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux

13012M-52 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
4	18	15.5	52	35	10	*1
5	18	15.5	52	35	10	*1
6	18	15.5	52	39	10	*1
7	18	15.5	52	44	10	*1
8	21	15.5	52	60	10	*2
10	21	15.5	52	70	10	*2
12	21	15.5	52	79	10	*2
14	21	15.5	52	92	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P242-243



RS13012M/8-L52

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS13012M/8-L52	8 Pieces Set/Rail 200mm	(g)
4, 5, 6, 7, 8, 10, 12, 14		492

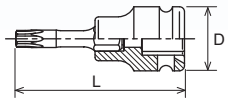
13025-50/-90

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®

13025-50 (T)	D (mm)	L (mm)	(g)	(pcs.)	
T20	19	50	35	10	*1
T25	19	50	35	10	*1
T27	19	50	38	10	*1
T30	19	50	38	10	*1
T40	19	50	45	10	*1
T45	19	50	45	10	*1
T50	19	50	50	10	*1
T55	22	50	72	10	*2

13025-90 (T)	D (mm)	L (mm)	(g)	(pcs.)	
New **T20**	19	90	43	10	*1
New **T25**	19	90	45	10	*1
New **T27**	19	90	47	10	*1
New **T30**	19	90	50	10	*1
New **T40**	19	90	58	10	*1
New **T45**	19	90	66	10	*1
New **T50**	19	90	80	10	*1
New **T55**	22	90	120	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B ➡P242-243



RS13025/8-L50

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS13025/8-L50	8 Pieces Set/Rail 200mm	(g)
T20, T25, T27, T30, T40, T45, T50, T55		380

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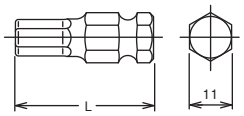
107-11

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux



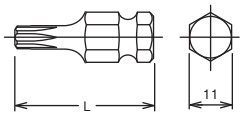
107-11 (inch)	L (mm)	(g)	(pcs.)
3/16	35	15	10
7/32	35	16	10
1/4	35	18	10
5/16	35	20	10
3/8	35	26	10
7/16	35	28	10
1/2	35	38	10
5/8	35	47	10
3/4	35	56	10

107-11 (mm)	L (mm)	(g)	(pcs.)
3	35	15	10
4	35	16	10
5	35	16	10
6	35	18	10
7	35	19	10
8	35	20	10
10	35	26	10
11	35	28	10
12	35	31	10
14	35	38	10
16	35	47	10
17	35	50	10
18	35	53	10
19	35	56	10

107-11(L80) (mm)	L (mm)	(g)	(pcs.)
4	80	54	10
5	80	54	10
6	80	56	10
7	80	57	10
8	80	59	10
10	80	64	10
11	80	66	10
12	80	76	10
14	80	98	10

107-11 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

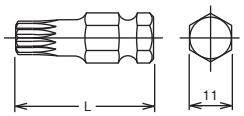


107-11 (T)	L (mm)	(g)	(pcs.)
T25	35	18	10
T30	35	18	10
T40	35	20	10
T45	35	22	10
T50	35	26	10
T55	35	31	10
T60	35	38	10

107-11(L80) (T)	L (mm)	(g)	(pcs.)
T30	80	54	10
T40	80	54	10
T45	80	56	10
T50	80	57	10
T55	80	66	10
T60	80	76	10

107-11 (XZN)

Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-11 (XZN)	L (mm)	(g)	(pcs.)
M 4	35	18	10
M 5	35	20	10
M 6	35	22	10
M 8	35	26	10
M10	35	31	10
M12	35	38	10

107-11(L80) (XZN)	L (mm)	(g)	(pcs.)
M 4	80	54	10
M 5	80	54	10
M 6	80	56	10
M 8	80	57	10
M10	80	66	10
M12	80	76	10
M14	80	80	10

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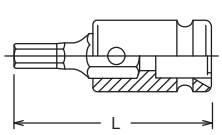
13105-11

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embout avec bit

13105-11 (mm)	L (mm)	(g)	(pcs.)	
3	54	87	10	*1
4	54	87	10	*1
5	54	88	10	*1
6	54	89	10	*1
7	54	90	10	*1
8	54	92	10	*1
10	54	96	10	*1
12	54	101	10	*1
14	54	108	10	*1
17	54	120	10	*1
19	54	128	10	*1

13105-11 (inch)	L (mm)	(g)	(pcs.)	
1/4	54	89	10	*1
5/16	54	92	10	*1
3/8	54	96	10	*1
1/2	54	108	10	*1
3/4	54	128	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P242-243

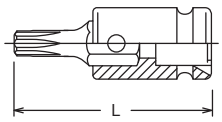


13105-11 (T)

Bit Holder complete with TORX® Bit
Klingenhalter, komplett mit TORX® Klinge
Porte embout avec bit TORX®

13105-11 (T)	L (mm)	(g)	(pcs.)	
T30	54	87	10	*1
T40	54	87	10	*1
T45	54	87	10	*1
T50	54	92	10	*1
T55	54	96	10	*1
T60	54	101	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P242-243



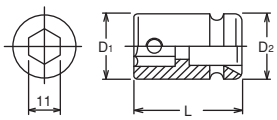
13105

Bit Holder
Klingenhalter
Porte embout

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13105	22	22	32	70	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P242-243

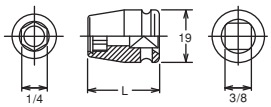
Replacement Screw : M5×6, ⬢ 2.5mm
Ersatzschraube : M5×6, ⬢ 2.5mm
Vis de remplacement : M5×6, ⬢ 2.5mm



TORX® is a registered trademark of **Acument Intellectual Properties, LLC.**
TORX® ist ein registriertes Markenzeichen der Firma **Acument Intellectual Properties, LLC.**
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

13139

Bit Holder
Klingenhalter
Porte-embout



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13139-1/4	11	19	30	32	10	*1

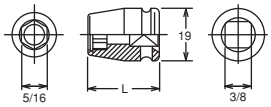
*1 C-Ring=1301C,Pin/O-Ring=1301A/B ➔P242-243

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour embouts DIN3126 C6.3

D6.3

13140

Bit Holder
Klingenhalter
Porte-embout



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13140-5/16	14	19	30	32	10	*1

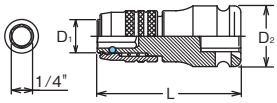
*1 C-Ring=1301C,Pin/O-Ring=1301A/B ➔P242-243

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour embouts DIN3126 C8

D8

13142-D6.3

Impact Bit Holder (Quick Release)
Impact Kingenhalter (Schnellwechselfutter)
Porte embout Impact (mandrin autoserrant)



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13142-D6.3	16	19	45	60	10	*1

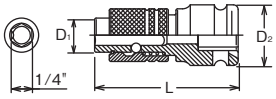
*1 C-Ring=1301C,Pin/O-Ring=1301A/B ➔P242-243

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour embouts DIN3126 C6.3

D6.3

13142-F6.3

Impact Bit Holder (Quick Release)
Impact Kingenhalter (Schnellwechselfutter)
Porte embout Impact (mandrin autoserrant)



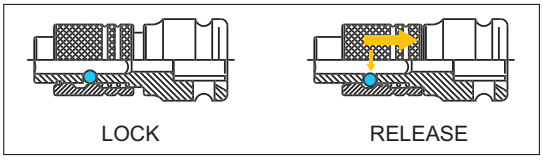
	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
13142-F6.3	16.5	19	45	60	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P242-243

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour embouts DIN3126 E6.3

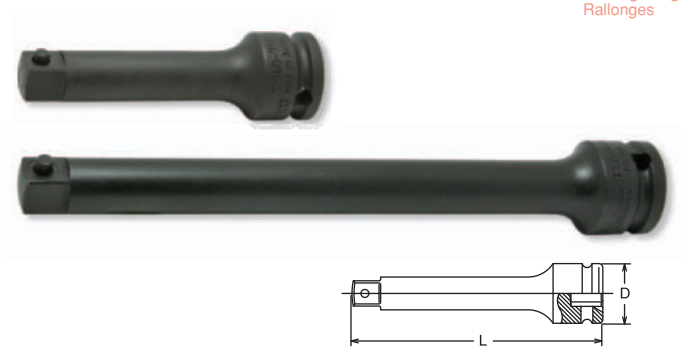
F6.3

Lock & Quick Release



13760-75P/-100P/-125P/-150P/-250P

Extension Bars
Verlängerungen
Rallonges

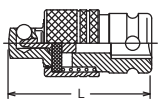


13760 (mm)	D (mm)	L (mm)	(g)	(pcs.)	
75P	22	75	95	10	*1
New 100P	22	100	115	10	*1
125P	22	125	141	10	*1
New 150P	22	150	165	10	*1
250P	22	250	210	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P242-243

13333AL

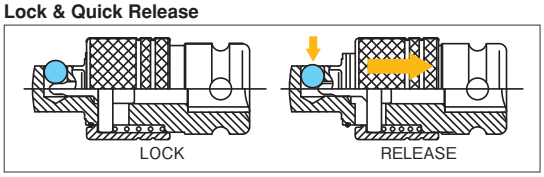
Adaptor (Quick Release)
Verbindungsstück (Quick Release)
Adaptateur (Quick Release)



	L (mm)	(g)	(pcs.)	
13333AL	45	62	10	*1

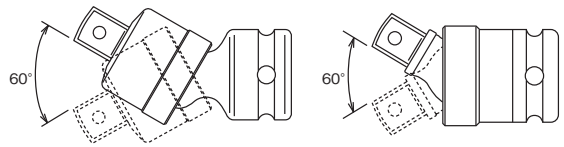
*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P242-243

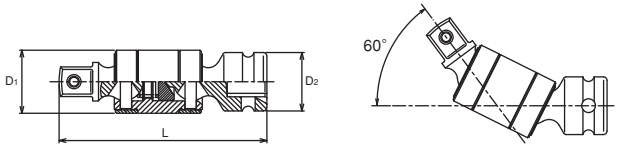
Lock & Quick Release



	L (mm)	(g)	(pcs.)	
13770-P	56	110	10	*1
13771-P	48	92	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P242-243





	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
New **13772-P**	22	19	75	120	5	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P242-243

Make sure sockets hold bolts or nuts before operation.

Vergewissern Sie sich vor dem Gebrauch, dass der Steckschlüssel die Schraube sicher umfasst hat.

Avant la manipulation, il est nécessaire de s' assurer que la douille renferme parfaitement la vis.

	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
13322A-P	3/8"	1/4"	25	25	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➔P242-243

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
13344A-P	3/8"	1/2"	32.5	53	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B ➔P242-243

13241M	11 Pieces Set/=850g

METAL CASE:W240×H30×T35mm

Sockets

13400M 6-pt. Sockets
9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

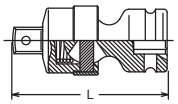
13242M	11 Pieces Set/=1,140g

METAL CASE:W310×H90×T48mm

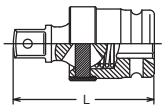
Sockets

13400M 6-pt. Sockets
9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

13770-P
Universal Joint
Gelenk-Einsatz
Cardan universel

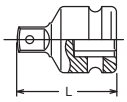


13771-P
Universal Joint
Gelenk-Einsatz
Cardan universel

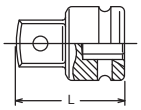


13772-P
Universal Double Joint
Doppelgelenk-Einsatz
Cardan universel double

13322A-P
Adaptor
Verbindungsstück ⚠
Réducteur



13344A-P
Adaptor
Verbindungsstück
Augmentateur

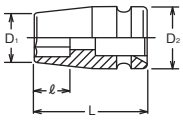


13241M
Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

13242M
Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

14400M / 14400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



14400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
New 1/4	12	25	5	38	80	10	*1
5/16	14.5	25	6	38	85	10	*1
3/8	17	25	7	38	85	10	*1
7/16	18.2	25	8	38	85	10	*1
1/2	20.7	25	10	38	85	10	*1
9/16	22	25	10	38	85	10	*1
5/8	24.5	30	11	38	130	10	*2
11/16	25.7	30	12	38	130	10	*2
3/4	28.2	30	13	38	125	10	*2
13/16	30.7	30	14	38	120	10	*2
7/8	32	30	14	38	130	10	*2
15/16	34.5	30	14	38	135	10	*2
1	35.7	30	14	38	135	10	*2
1 1/16	38.2	30	16	40	160	10	*2
1 1/8	40.7	30	17	42	190	10	*2
1 3/16	42	30	17	42	190	10	*2
1 1/4	44.5	30	18	42	216	10	*2
1 5/16	45.7	30	19	46	260	5	*2
1 3/8	47	30	19	46	263	5	*2
1 1/2	52	30	20	53	365	5	*2

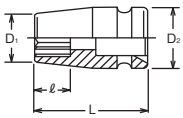
*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	14.5	25	6	38	85	10	*1
9	15.7	25	7	38	85	10	*1
10	17	25	7	38	85	10	*1
11	18.2	25	8	38	85	10	*1
12	19.5	25	9	38	85	10	*1
13	20.7	25	10	38	85	10	*1
14	22	25	10	38	85	10	*1
15	23.2	30	11	38	130	10	*2
16	24.5	30	11	38	130	10	*2
17	25.7	30	12	38	130	10	*2
18	27	30	13	38	130	10	*2
19	28.2	30	13	38	125	10	*2
20	29.5	30	13	38	127	10	*2
21	30.7	30	14	38	120	10	*2
22	32	30	14	38	130	10	*2
23	33.2	30	14	38	130	10	*2
24	34.5	30	14	38	135	10	*2
25	35.7	30	14	38	135	10	*2
26	37	30	14	38	160	10	*2
27	38.2	30	16	40	160	10	*2
28	39.5	30	16	40	170	10	*2
29	40.7	30	17	42	190	10	*2
30	42	30	17	42	190	10	*2
31	43.2	30	17	42	213	10	*2
32	44.5	30	18	42	216	10	*2
33	45.7	30	19	46	260	5	*2
34	47	30	19	46	263	5	*2
35	48.2	30	19	46	275	5	*2
36	49.5	30	20	46	285	5	*2
41	55.7	30	21	55	411	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14405M / 14405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



14405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
5/16	14.5	25	6	38	85	10	*1
3/8	17	25	7	38	85	10	*1
7/16	18.2	25	8	38	85	10	*1
1/2	20.7	25	10	38	85	10	*1
9/16	22	25	10	38	85	10	*1
5/8	24.5	30	11	38	130	10	*2
11/16	25.7	30	12	38	130	10	*2
3/4	28.2	30	13	38	125	10	*2
13/16	30.7	30	14	38	120	10	*2
7/8	32	30	14	38	130	10	*2
15/16	34.5	30	14	38	135	10	*2
1	35.7	30	14	38	135	10	*2
1 1/16	38.2	30	16	40	160	10	*2
1 1/8	40.7	30	17	42	190	10	*2
1 3/16	42	30	17	42	190	10	*2
1 1/4	44.5	30	18	42	216	10	*2
1 5/16	45.7	30	19	46	260	5	*2
1 3/8	47	30	19	46	263	5	*2
1 1/2	52	30	20	53	365	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	14.5	25	6	38	85	10	*1
9	15.7	25	7	38	85	10	*1
10	17	25	7	38	85	10	*1
11	18.2	25	8	38	84	10	*1
12	19.5	25	9	38	84	10	*1
13	20.7	25	10	38	84	10	*1
14	22	25	10	38	84	10	*1
15	23.2	30	11	38	130	10	*2
16	24.5	30	11	38	127	10	*2
17	25.7	30	12	38	128	10	*2
18	27	30	13	38	130	10	*2
19	28.2	30	13	38	125	10	*2
20	29.5	30	13	38	127	10	*2
21	30.7	30	14	38	120	10	*2
22	32	30	14	38	130	10	*2
23	33.2	30	14	38	132	10	*2
24	34.5	30	14	38	133	10	*2
26	37	30	14	38	147	10	*2
27	38.2	30	16	40	157	10	*2
28	39.5	30	16	40	170	10	*2
30	42	30	17	42	190	10	*2
32	44.5	30	18	42	216	10	*2
36	49.5	30	20	46	285	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

RS14405M/11

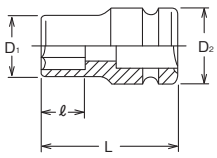
Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS14405M/11	11 Pieces Set/Rail 300mm	(g)
New	9,10,11,12,13,14,15,16,17,18,19	1,250

14401M
14401A

6-point Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 6-pans

thin



14401M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	13	24	6	38	57	10	*1
9	14.2	24	7	38	58	10	*1
10	15.5	24	7	38	60	10	*1
11	16.7	24	8	38	62	10	*1
12	18	24	9	38	63	10	*1
13	19.2	24	10	38	65	10	*1
14	20.5	24	10	38	67	10	*1
15	21.7	29	11	38	100	10	*2
16	23	29	11	38	102	10	*2
17	24.2	29	12	38	105	10	*2
18	25.5	29	13	38	105	10	*2
19	26.7	29	13	38	107	10	*2
20	28	29	13	38	108	10	*2
21	29.2	29	14	38	109	10	*2
22	30.5	29	14	38	114	10	*2
23	31.7	29	14	38	118	10	*2
24	33	29	14	38	122	10	*2
25	34.2	29	14	38	129	10	*2
26	35.5	29	14	38	131	10	*2
27	36.7	29	16	40	145	10	*2
28	38	29	16	40	152	10	*2
29	39.2	29	17	42	165	10	*2
30	40.5	29	17	42	178	10	*2
31	41.7	29	17	42	185	10	*2
32	43	29	18	42	188	10	*2
33	44.2	29	19	46	219	5	*2
34	45.5	29	19	46	248	5	*2
36	48	29	20	46	264	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➔P242-243

14401A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
New 1/4	10.5	24	5	38	55	10	*1
5/16	13	24	6	38	57	10	*1
3/8	15.5	24	7	38	60	10	*1
7/16	16.7	24	8	38	62	10	*1
1/2	19.2	24	10	38	65	10	*1
9/16	20.5	24	10	38	67	10	*1
5/8	23	29	11	38	102	10	*2
11/16	24.2	29	12	38	105	10	*2
3/4	26.7	29	13	38	107	10	*2
13/16	29.2	29	14	38	109	10	*2
7/8	30.5	29	14	38	114	10	*2
15/16	33	29	14	38	122	10	*2
1	34.2	29	14	38	129	10	*2
1. 1/16	35.5	29	14	40	131	10	*2
1. 1/8	39.2	29	17	42	165	10	*2
1. 3/16	40.5	29	17	42	178	10	*2
1. 1/4	43	29	18	42	188	10	*2
1. 5/16	44.2	29	19	46	219	5	*2
1. 3/8	45.5	29	19	46	248	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➔P242-243

RS14401M/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

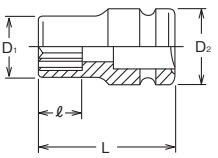
thin

RS14401M/10	10 Pieces Set/Rail 300mm	(g)
10, 12, 13, 14, 17, 19, 21, 22, 24, 27		1,010

14406M
14406A

12-point Sockets, Thin Walled
12-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 12-pans

thin



14406M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	13	24	6	38	57	10	*1
9	14.2	24	7	38	58	10	*1
10	15.5	24	7	38	60	10	*1
11	16.7	24	8	38	62	10	*1
12	18	24	9	38	63	10	*1
13	19.2	24	10	38	65	10	*1
14	20.5	24	10	38	67	10	*1
15	21.7	29	11	38	100	10	*2
16	23	29	11	38	102	10	*2
17	24.2	29	12	38	105	10	*2
18	25.5	29	13	38	105	10	*2
19	26.7	29	13	38	107	10	*2
20	28	29	13	38	108	10	*2
21	29.2	29	14	38	109	10	*2
22	30.5	29	14	38	114	10	*2
23	31.7	29	14	38	118	10	*2
24	33	29	14	38	122	10	*2
25	34.2	29	14	38	129	10	*2
26	35.5	29	14	38	131	10	*2
27	36.7	29	16	40	145	10	*2
28	38	29	16	40	152	10	*2
29	39.2	29	17	42	165	10	*2
30	40.5	29	17	42	178	10	*2
31	41.7	29	17	42	185	10	*2
32	43	29	18	42	188	10	*2
33	44.2	29	19	46	219	5	*2
34	45.5	29	19	46	248	5	*2
36	48	29	20	46	264	5	*2

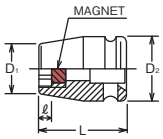
*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➔P242-243

14406A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
New 1/4	10.5	24	5	38	55	10	*1
5/16	13	24	6	38	57	10	*1
3/8	15.5	24	7	38	60	10	*1
7/16	16.7	24	8	38	62	10	*1
1/2	19.2	24	10	38	65	10	*1
9/16	20.5	24	10	38	67	10	*1
5/8	23	29	11	38	102	10	*2
11/16	24.2	29	12	38	105	10	*2
3/4	26.7	29	13	38	107	10	*2
13/16	29.2	29	14	38	109	10	*2
7/8	30.5	29	14	38	114	10	*2
15/16	33	29	14	38	122	10	*2
1	34.2	29	14	38	129	10	*2
1. 1/16	35.5	29	14	40	131	10	*2
1. 1/8	39.2	29	17	42	165	10	*2
1. 3/16	40.5	29	17	42	178	10	*2
1. 1/4	43	29	18	42	188	10	*2
1. 5/16	44.2	29	19	46	219	5	*2
1. 3/8	45.5	29	19	46	248	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➔P242-243

14400MG

6-point Sockets with Magnet
6-kant Steckschlüssel mit Magnet
Douilles 6-pans avec aimant

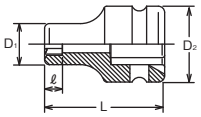


14400MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8	14.5	25	3.5	38	95	10	*1
10	17	25	4.2	38	95	10	*1
12	19.5	25	5.6	38	100	10	*1
13	20.7	25	6	38	100	10	*1
14	22	25	6.4	38	105	10	*1
15	23.2	30	6.8	38	140	10	*2
16	24.5	30	7	38	145	10	*2
17	25.7	30	7.5	38	145	10	*2
18	27	30	7.8	38	147	10	*2
19	28.2	30	8	38	147	10	*2
21	30.7	30	13.5	38	165	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14401LH

LHS Sockets
Steckschlüssel mit LHS Profil
Douilles au profil LHS

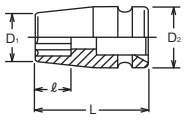


14401LH (LH-S)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6S	13	25	5.6	38	65	10	*1
8S	16.7	25	6.8	38	69	10	*1
10S	19.2	25	8	38	75	10	*1
12S	23	30	9.2	38	115	10	*2
14S	25.5	30	10.4	38	121	10	*2
16S	29.2	30	11.6	38	128	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14410M

Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



SURFACE DRIVE

Surface drive sockets are designed to retain contact with the flat sides of the nut in order to transmit higher torque and reduce nut wear.
These sockets are ideal for using on polished nuts, aluminum nuts and nuts with worn out points.

Das Profil unserer Surface-Drive Steckschlüssel greift die Schraube an deren Flächen. Dies sichert eine höhere Kraftübertragung und verhindert ein Durchrutschen des Steckschlüssels. Diese Steckschlüssel eignen sich besonders für polierte Schrauben, Aluminium Schrauben und Schrauben bei denen die Ecken bereits abgerundet sind.

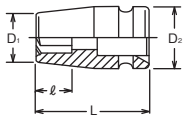
Notre profil Surface Drive assure le contact entre la douille et les plats de l'écrou. Ceci réduit l'usure et permet la transmission d'un couple plus élevé. C'est une solution idéale pour les écrous polies, celles en aluminium ou arrondies.

14410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	17	25	7	38	100	10	*1
11	18.2	25	8	38	103	10	*1
12	19.5	25	9	38	110	10	*1
13	20.7	25	10	38	113	10	*1
14	22	25	10	38	115	10	*1
15	23.2	30	11	38	120	10	*2
16	24.5	30	11	38	120	10	*2
17	25.7	30	12	38	126	10	*2
18	27	30	13	38	121	10	*2
19	28.2	30	13	38	124	10	*2
20	29.5	30	13	38	123	10	*2
21	30.7	30	14	38	120	10	*2
22	32	30	14	38	130	10	*2
24	34.5	30	14	38	134	10	*2
25	35.7	30	14	38	135	10	*2
26	37	30	14	38	160	10	*2
27	38.2	30	16	40	160	10	*2
28	39.5	30	16	40	170	10	*2
29	40.7	30	17	42	190	10	*2
30	42	30	17	42	190	10	*2
31	43.2	30	17	42	213	10	*2
32	44.5	30	18	42	216	10	*2
34	47	30	19	46	263	5	*2
36	49.5	30	20	46	285	5	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14465M

Pathfinder Sockets
Pathfinder Steckschlüssel
Douilles Pathfinder



PATHFINDER®

The beveled flats of the 6-points opening of the PATHFINDER socket engage the nut almost immediately. PATHFINDER sockets are ideal for using with power tools in automatic assembly processes, as the power tool does not have to be totally stopped for the socket to engage the nut.

Da die Maschine nicht nach jedem Schraubvorgang angehalten werden muss, ergibt sich eine erhöhte Produktivität, die sich bei vollautomatischen Maschinen (Mehrspindelschrauber) ganz besonders auswirkt.

Les parois en biais du 6-pans des douilles Pathfinder assurent l'engagement quasi immédiat de l'écrou. Le fait de ne pas devoir arrêter la machine après chaque serrage procure un gain de productivité particularité appréciable dans les chaînes de montage automatiques.

14465M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	17	25	8	38	89	10	*1
11	18.2	25	8	38	87	10	*1
12	19.5	25	9	38	87	10	*1
13	20.7	25	9	38	86	10	*1
14	22	25	11	38	86	10	*1
15	23.2	30	11	38	131	10	*2
16	24.5	30	11	38	131	10	*2
17	25.7	30	12	38	132	10	*2
18	27	30	13	38	128	10	*2
19	28.2	30	13	38	128	10	*2
20	29.5	30	14	38	125	10	*2
21	30.7	30	14	38	128	10	*2
22	32	30	15	38	130	10	*2
23	33.2	30	15	38	135	10	*2
24	34.5	30	15	38	135	10	*2
25	35.7	30	15	38	133	10	*2
26	37	30	15	38	152	10	*2
27	38.2	30	16	40	169	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

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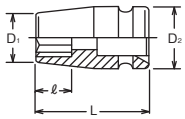
14415M

Double 4-point Socket
Doppelvierkant Steckschlüssel
Douilles 4-pans, doubles

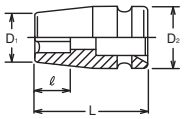


14415M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
14	25.7	30	10	38	138	10	*1
15	27	30	11	38	145	10	*1
16	29.5	30	11	38	150	10	*1
17	30.7	30	12	38	155	10	*1
18	32	30	13	38	165	10	*1
19	33.2	30	14	38	170	10	*1
22	38.2	30	14	40	185	10	*1
24	42	30	14	42	215	10	*1
27	45.7	30	16	46	278	5	*1
28	47	30	16	46	285	5	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

14425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®

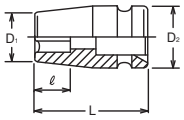


14425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
E10	14.2	25	8.2	38	86	10	*1
New **E11**	14.7	25	8.7	38	86	10	*1
E12	15.2	25	9.3	38	85	10	*1
E14	18.2	25	10.6	38	88	10	*1
E16	19.2	25	11.8	38	88	10	*1
E18	22.2	25	13	38	89	10	*1
E20	24.2	30	14.4	38	134	10	*2
E22	26.2	30	15.5	40	140	10	*2
E24	28.2	30	17	40	138	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

14425-EPL

TORX PLUS® Sockets
TORX PLUS® Steckschlüssel
Douilles TORX PLUS®

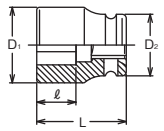


14425-EPL (EPL)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10EPL	14.5	25	6.2	38	86	10	*1
12EPL	17	25	7.2	38	86	10	*1
14EPL	18.2	25	8.1	38	88	10	*1
16EPL	20.7	25	9.1	38	88	10	*1
18EPL	22	25	10.2	38	90	10	*1
20EPL	24.5	30	11.2	38	135	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

14400-WN

Weld Nut Sockets
Steckschlüssel für Schweissmuttern
Douille pour écrou à souder



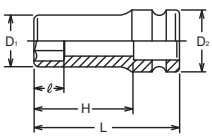
14400 WN	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
8WN	18.3	25	8	38	93	10	*1
9WN	19.5	25	9	38	93	10	*1
10WN	20.8	25	10	38	92	10	*1
12WN	24.5	30	12	38	139	10	*2
14WN	27	30	14	38	136	10	*2
17WN	32	30	17	40	150	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

14301X

6-point Semi-Deep Socket, Thin Walled
6-kant Steckschlüssel mittel lang, dünnwandig
Douilles à paroi mince semi-longues, 6-pans

thin



14301X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13	24	8	42	60	72	10	*1
10	15.5	24	10	42	60	79	10	*1
11	16.7	24	11	42	60	82	10	*1
12	18	24	12	42	60	88	10	*1
13	19.2	24	13	42	60	92	10	*1
14	20.5	24	14	42	60	97	10	*1
15	21.7	29	15	42	60	125	10	*2
16	23	29	16	42	60	135	10	*2
17	24.2	29	17	42	60	142	10	*2
New **18**	25.5	29	18	42	60	148	10	*2
19	26.7	29	19	41	60	151	10	*2
21	29.2	29	21	41	60	170	10	*2
22	30.5	29	22	45	65	187	10	*2
23	31.7	29	23	45	65	192	10	*2
24	33	29	24	45	65	202	10	*2
26	35.5	29	26	44	65	218	10	*2
27	36.7	29	27	44	65	231	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

RS14301X/10

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

thin

RS14301X/10	10 Pieces Set/Rail 300mm	(g)
	10, 12, 13, 14, 17, 19, 21, 22, 24, 27	1,585

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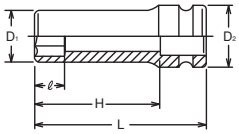
14300M / 14300A

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



14300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
5/16	14.5	25	8	62	80	137	10	*1
3/8	17	25	10	62	80	140	10	*1
7/16	18.2	25	11	62	80	156	10	*1
1/2	20.7	25	13	62	80	162	10	*1
9/16	22	25	14	62	80	174	10	*1
5/8	24.5	30	16	62	80	232	10	*2
11/16	25.7	30	17	62	80	232	10	*2
3/4	28.2	30	19	61	80	259	10	*2
13/16	30.7	30	21	61	80	265	10	*2
7/8	32	30	22	65	85	290	10	*2
15/16	34.5	30	24	65	85	329	10	*2
1	35.7	30	25	65	85	345	10	*2
1. 1/16	38.2	30	27	64	85	385	10	*2
1. 1/8	40.7	30	29	63	85	416	10	*2
1. 3/16	42	30	30	63	85	457	10	*2
1. 1/4	44.5	30	32	63	85	542	10	*2
1. 7/16	50.7	30	37	61	85	580	2	*2
1. 1/2	52	30	38	61	85	600	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➔P242-243

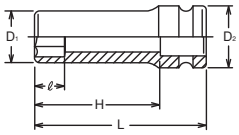
14300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	14.5	25	8	62	80	137	10	*1
9	15.7	25	9	62	80	138	10	*1
10	17	25	10	62	80	140	10	*1
11	18.2	25	11	62	80	156	10	*1
12	19.5	25	12	62	80	162	10	*1
13	20.7	25	13	62	80	162	10	*1
14	22	25	14	62	80	174	10	*1
15	23.2	30	15	62	80	220	10	*2
16	24.5	30	16	62	80	232	10	*2
17	25.7	30	17	62	80	232	10	*2
18	27	30	18	62	80	232	10	*2
19	28.2	30	19	61	80	259	10	*2
20	29.5	30	20	61	80	265	10	*2
21	30.7	30	21	61	80	265	10	*2
22	32	30	22	65	85	290	10	*2
23	33.2	30	23	65	85	300	10	*2
24	34.5	30	24	65	85	329	10	*2
25	35.7	30	25	65	85	345	10	*2
26	37	30	26	64	85	350	10	*2
27	38.2	30	27	64	85	385	10	*2
28	39.5	30	28	64	85	390	10	*2
29	40.7	30	29	63	85	416	10	*2
30	42	30	30	63	85	457	10	*2
31	43.2	30	31	63	85	505	10	*2
32	44.5	30	32	63	85	542	10	*2
33	45.7	30	33	62	85	562	2	*2
34	47	30	33	62	85	570	2	*2
35	48.2	30	35	62	85	600	2	*2
36	49.5	30	36	61	85	640	2	*2
41	55.7	30	38	60	85	690	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➔P242-243

14301M / 14301A

6-point Deep Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince longues, 6-pans

thin



14301A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
3/8	15.5	24	10	62	80	98	10	*1
7/16	16.7	24	11	62	80	104	10	*1
1/2	19.2	24	13	62	80	120	10	*1
9/16	20.5	24	14	62	80	127	10	*1
5/8	23	29	16	62	80	173	10	*2
11/16	24.2	29	17	62	80	182	10	*2
3/4	26.7	29	19	61	80	197	10	*2
13/16	29.2	29	21	61	80	218	10	*2
7/8	30.5	29	22	65	85	244	10	*2
15/16	33	29	24	65	85	261	10	*2
1. 1/16	36.7	29	27	64	85	314	10	*2

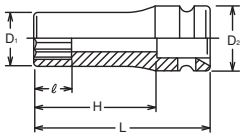
*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➔P242-243

14301M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	13	24	8	62	80	87	10	*1
9	14.2	24	9	62	80	92	10	*1
10	15.5	24	10	62	80	98	10	*1
11	16.7	24	11	62	80	104	10	*1
12	18	24	12	62	80	111	10	*1
13	19.2	24	13	62	80	120	10	*1
14	20.5	24	14	62	80	127	10	*1
15	21.7	29	15	62	80	169	10	*2
16	23	29	16	62	80	173	10	*2
17	24.2	29	17	62	80	182	10	*2
18	25.5	29	18	62	80	192	10	*2
19	26.7	29	19	61	80	197	10	*2
20	28	29	20	61	80	203	10	*2
21	29.2	29	21	61	80	218	10	*2
22	30.5	29	22	65	85	244	10	*2
23	31.7	29	23	65	85	253	10	*2
24	33	29	24	65	85	261	10	*2
25	34.2	29	25	65	85	282	10	*2
26	35.5	29	26	64	85	299	10	*2
27	36.7	29	27	64	85	314	10	*2
28	38	29	29	64	85	273	10	*2
29	39.2	29	29	63	85	280	10	*2
30	40.5	29	30	63	85	360	10	*2
31	41.7	29	31	63	85	370	10	*2
32	43	29	32	63	85	380	10	*2
34	45.5	29	34	62	85	411	2	*2
35	46.7	29	35	62	85	450	2	*2
36	48	29	36	61	85	460	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➔P242-243

14305M

12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues 12-pans



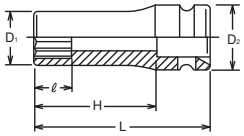
14305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
8	14.5	25	8	62	80	137	10	*1
10	17	25	10	62	80	140	10	*1
11	18.2	25	11	62	80	156	10	*1
12	19.5	25	12	62	80	162	10	*1
13	20.7	25	13	62	80	162	10	*1
14	22	25	14	62	80	174	10	*1
15	23.2	30	15	62	80	220	10	*2
16	24.5	30	16	62	80	232	10	*2
17	25.7	30	17	62	80	232	10	*2
18	27	30	18	62	80	232	10	*2
19	28.2	30	19	61	80	259	10	*2
20	29.5	30	20	61	80	265	10	*2
21	30.7	30	21	61	80	265	10	*2
22	32	30	22	65	85	290	10	*2
24	34.5	30	24	65	85	329	10	*2
27	38.2	30	27	64	85	385	10	*2
28	39.5	30	28	64	85	390	10	*2
30	42	30	30	63	85	457	10	*2
32	44.5	30	32	63	85	542	10	*2
36	49.5	30	36	61	85	635	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14306M

12-point Deep Sockets, Thin Walled
12-kant Steckschlüssel, dünnwandig
Douilles à paroi mince longues, 12-pans

thin

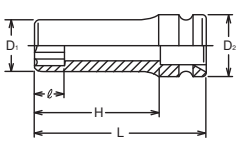


14306M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	15.5	24	10	62	80	98	10	*1
12	18	24	12	62	80	111	10	*1
13	19.2	24	13	62	80	120	10	*1
14	20.5	24	14	62	80	127	10	*1
15	21.7	29	15	62	80	169	10	*2
16	23	29	16	62	80	173	10	*2
17	24.2	29	17	62	80	182	10	*2
18	25.5	29	18	62	80	192	10	*2
19	26.7	29	19	61	80	197	10	*2
21	29.2	29	21	61	80	218	10	*2
22	30.5	29	22	65	85	244	10	*2
24	33	29	24	65	85	261	10	*2
27	36.7	29	27	64	85	314	10	*2
30	40.5	29	30	63	85	360	10	*2
32	43	29	32	63	85	380	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14310M

Surface Drive Sockets, deep
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive

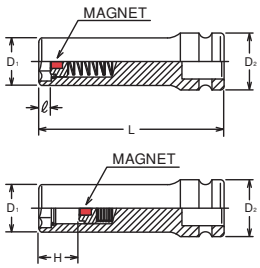


14310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	17	25	10	62	80	136	10	*1
11	18.2	25	11	62	80	148	10	*1
12	19.5	25	12	62	80	156	10	*1
13	20.7	25	13	62	80	158	10	*1
14	22	25	14	62	80	170	10	*1
15	23.2	30	15	62	80	225	10	*2
16	24.5	30	16	62	80	228	10	*2
17	25.7	30	17	62	80	232	10	*2
18	27	30	18	62	80	232	10	*2
19	28.2	30	19	61	80	252	10	*2
20	29.5	30	20	61	80	260	10	*2
21	30.7	30	21	61	80	260	10	*2
22	32	30	22	65	85	290	10	*2
23	33.2	30	23	65	85	300	10	*2
24	34.5	30	24	65	85	322	10	*2
25	35.7	30	25	65	85	338	10	*2
26	37	30	26	64	85	350	10	*2
27	38.2	30	27	64	85	380	10	*2
28	39.5	30	28	64	85	390	10	*2
29	40.7	30	29	63	85	416	10	*2
30	42	30	30	63	85	450	10	*2
31	43.2	30	31	63	85	505	10	*2
32	44.5	30	32	63	85	535	10	*2
34	47	30	34	62	85	563	2	*2
36	49.5	30	36	61	85	630	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14300G

Impact Socket with Sliding Magnet
Impact Steckschlüssel mit versenkbarem Magnet
Douilles Impact avec aimant, glissant pour écrous

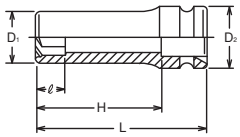


14300G (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	17	25	4.5	26	80	139	10	*1
12	19.5	25	6	26	80	165	10	*1
13	20.7	25	6.5	25	80	185	10	*1
14	22	25	7	24	80	189	10	*1
New **16**	24.5	30	7.5	26.5	80	270	10	*2
17	25.7	30	8	26.5	80	272	10	*2
New **18**	27	30	8.5	26.5	80	290	10	*2
19	28.2	30	9	27.5	80	308	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14365M

Pathfinder Sockets, deep
Pathfinder Steckschlüssel, lang
Douilles longues, Pathfinder

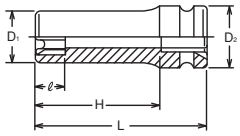


14365M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
10	17	25	8	62	80	138	10	*1
11	18.2	25	8	62	80	144	10	*1
12	19.5	25	9	62	80	165	10	*1
13	20.7	25	9	62	80	170	10	*1
14	22	25	11	62	80	178	10	*1
15	23.2	30	11	62	80	237	10	*2
16	24.5	30	11	62	80	245	10	*2
17	25.7	30	12	62	80	263	10	*2
18	27	30	13	62	80	268	10	*2
19	28.2	30	13	61	80	270	10	*2
20	29.5	30	14	61	80	274	10	*2
21	30.7	30	14	61	80	287	10	*2
22	32	30	15	65	85	314	10	*2
23	33.2	30	15	65	85	320	10	*2
24	34.5	30	15	65	85	335	10	*2
26	37	30	15	64	85	388	10	*2
27	38.2	30	16	64	85	407	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14325

TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®

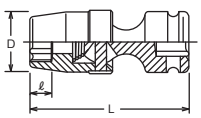


14325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
E10	14.2	25	8.2	62	80	136	10	*1
E12	15.2	25	9.3	62	80	141	10	*1
E14	18.2	25	10.6	62	80	147	10	*1
E16	19.2	25	11.8	62	80	151	10	*1
E18	22.2	25	13	62	80	218	10	*1
E20	24.2	30	14.4	62	80	225	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

14440M / 14440A

Universal Sockets
Gelenk-Einsätze
Douilles universelles



14440M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
13	20.7	6	67.5	210	10	*1
14	22	7	69.5	210	10	*1
15	23.2	7	69.5	210	10	*1
16	24.5	8	69.5	206	10	*1
17	25.7	8	69.5	220	10	*1
18	27	9	69.5	218	10	*1
19	28.2	10	73.5	260	10	*1
20	29.5	10	73.5	270	10	*1
21	30.7	11	73.5	280	10	*1
22	32	13	73.5	290	10	*1
24	34.5	14	73.5	300	10	*1

14440A (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1/2	20.7	6	67.5	210	10	*1
9/16	22	7	69.5	210	10	*1
5/8	24.5	8	69.5	206	10	*1
11/16	25.7	8	69.5	220	10	*1
3/4	28.2	10	73.5	260	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

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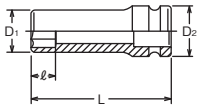
AN14300

Impact Sockets, Aluminium alloyed, for aluminium wheel nuts
Aluminium-legierte Impact Steckschlüssel für Aluminium Radmuttern
Douilles Impact en aluminium pour écrous de roue aluminium

AN14300 (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	25.7	30	17	80	85	10	*1
19	28.2	30	19	80	89	10	*1
21	30.7	30	21	80	93	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243



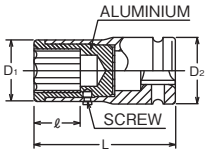
AR14300

Impact Sockets with exchangeable Aluminium Inlets
Impact Steckschlüssel mit auswechselbarem Aluminium Einsatz
Douilles Impact avec cartouche en aluminium remplaçable

AR14300 (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	28	30	21	65	220	10	*1
19	30	30	24	65	223	10	*1
21	33	30	25	65	237	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

Exchangeable aluminium inlet
Auswechselbarer Aluminium Einsatz
Cartouche en aluminium remplaçable

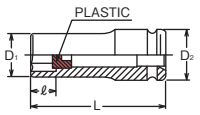


14113J

Impact Sockets with Plastic Stops for Hub Cap Screws
Impact Steckschlüssel mit Plastik-Anschlag für Zier-Radmuttern
Douilles Impact avec arrêt en plastique, pour écrous de roue décoratifs

14113J (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	25.7	30	14	80	251	10	*1
19	28.2	30	16	80	286	10	*1
21	30.7	30	20	80	309	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

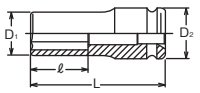


14113M

For Hub Cap Screws
Für Zier-Radmuttern
Pour écrous de roue décoratifs

14113M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	25.7	30	34	80	230	10	*1
19	28.2	30	38	80	262	10	*1
21	30.7	30	42	80	285	10	*1

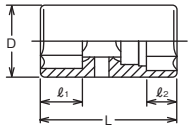
*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243



14118M

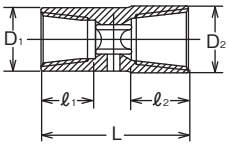
Wheel Nut Sockets, Double Ended
Radmuttern Steckschlüssel, doppelseitig
Douilles pour écrous de roue á ouvertures doubles

14118M (mm)	D (mm)	ℓ_1 (mm)	ℓ_2 (mm)	L (mm)	(g)	(pcs.)
17×19	28	15.5	13	48	150	10
19×21	31	17.5	13	57	177	10
19×22	31	17.5	15	57	187	10



14124

Lock Nut Busters (Double Ended)
Felgenschloss-Knacker, doppelseitig
Douilles taraudées à ouvertures doubles pour dévisser les écrous ou goujons de roue antivols.



14124 (mm)	D1 (mm)	D2 (mm)	ℓ1 (mm)	ℓ2 (mm)	L (mm)	(g)	(pcs.)
21×24.5	28	29.5	24	25	65	157	10
26×27.5	31.5	35	24.5	24.5	65	197	10

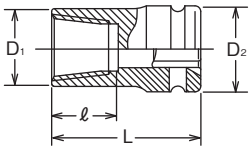
14124/3

Lock Nut Busters (Double Ended) in Set
Felgenschloss-Knacker, doppelseitig im Satz
Jeu de douilles taraudées à ouvertures doubles pour dévisser les écrous ou goujons de roue antivols.

14124/3	3 Pieces Set/=580g
CARDBOARD BOX:W125×H91×T43mm	
Sockets	Accessory
14124 21×24.5 26×27.5	**14760-75B**

14124

Lock Nut Busters
Felgenschloss-Knacker
Douilles taraudées pour dévisser les écrous ou goujons de roue antivols.



14124 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	20.5	25	15	50	83	10	*1
18	21	25	15	50	83	10	*1
18.5	23	25	15	50	95	10	*1
19	25	30	20.5	50	140	10	*2
21	28	30	20.5	50	153	10	*2
24.5	29.5	30	23	50	138	10	*2
26	31.5	30	23	50	147	10	*2
27.5	35	30	23	50	181	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
P242-243

RS14124/7

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS14124/7	7 Pieces Set/Rail 250mm	(g)
	18, 18.5, 19, 21, 24.5, 26, 27.5	980

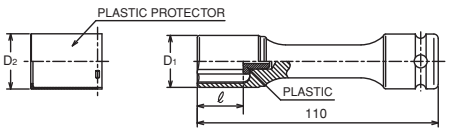
14145PM-110

Wheel Nut Sockets
Radmuttern Steckschlüssel
Douilles pour écrous de roue

thin

14145PM-110	D1 (mm)	D2 (mm)	ℓ (mm)	Shaft Color	(g)	(pcs.)	
17	23.7	25.2	21		223	5	*1
19	25.7	27.2	23		231	5	*1
21	27.5	29	25		236	5	*1
22	29	30.5	26		248	5	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P242-243



14201M	3 Pieces Set/⚖=690g
CARDBOARD BOX:W125×H95×T34mm	
Sockets	
14145PM.110 Impact Wheel Nut Sockets 17, 19, 21	

14201M

Wheel Nut Sockets Set
Radmuttern Steckschlüssel im Satz
Douilles pour écrous de roue

thin

PLASTIC PROTECTOR
KUNSTSTOFF HÜLSE
PROTECTION EN PLASTIQUE

A detachable plastic protector is fitted to the socket to prevent damage to the wheel when working in tight areas.
The socket size and Ko-ken mark printed on the shaft makes it easier to see if the socket is still rotating or stopped.

Zum Schutz empfindlicher Leichtmetallfelgen ist eine drehbare und abnehmbare Kunststoff Hülse an dem Steckschlüssel montiert. Die aufgedruckten Markierungen am Werkzeugschaft zeigen außerdem ob das Werkzeug steht oder rotiert.

La douille est pourvue d'un insert en plastique détachable. Il sert à prévenir tout dommage aux jantes lors de l'utilisation des douilles.
Le marquage sur la tige rend l'identification des douilles très facile.

198-17	: Spare Plastic Protector for 14145PM-110-17 : **10 pcs.**
198-19	: Spare Plastic Protector for 14145PM-110-19 : **10 pcs.**
198-21	: Spare Plastic Protector for 14145PM-110-21 : **10 pcs.**
198-22	: Spare Plastic Protector for 14145PM-110-22 : **10 pcs.**

EXTRA THIN WALL
EXTRA DÜNNWANDIG
PAROIS EXTRA MINCES

Special design for wheel nut work.
-110mm length gives socket extra reach for nuts recessed deep inside the wheel and ideal for Aluminum wheel nuts where access to nut is very tight.
-Blue(17mm), Red(19mm), Yellow(21mm) and White(22mm) colour coded shafts make size identification easy.
-Plastic insert helps prevent damaged to wheel nut.

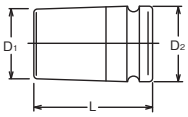
Speziell entwickelt für die Montage von Radmuttern
- Die Länge von 110mm erlaubt es mit diesem Steckschlüssel auch extra tiefe Radmuttern zu erreichen.
- Dieser Steckschlüssel ist ideal für Radmuttern von Aluminiumfelgen, da gerade dort der Platz zwischen Schraube und Felge äußerst gering ist.
- Durch die farbige Markierung; blau(17mm), Rot(19mm), Gelb(21mm) und Weiß(22mm) wird die Erkennung des passenden Werkzeugs erleichtert.
- Der Plastikanschlag schont die Radmutter vor Beschädigungen.

Douilles spécialement conçues pour les écrous de roue :
- La longueur de 110mm permet d'atteindre les écrous enfoncés profondément.
- Idéales pour les écrous des jantes en aluminium où le passage est souvent étroit
- Les corps de couleurs différentes facilitent l'identification : bleu (17mm), rouge (19mm), jaune (21mm) et blanc (22mm)
- Les inserts en plastique évitent de détériorer les jantes.

⚠ Please note that thin walled design is only for wheel nut work and Torque rating is limited.

14100M / 14100A

Impact Screw and Stud Pullers
Impact Stehbolzendreher
Extracteurs de goujons Impact



14100M (mm)	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
6	24	25	48	126	10	*1
7	24	25	48	126	10	*1
8	24	25	48	122	10	*1
9	28	30	48	181	10	*2
10	28	30	48	181	10	*2
12	28	30	48	175	10	*2

14100A (inch)	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
1/4	24	25	48	126	10	*1
5/16	24	25	48	122	10	*1
3/8	28	30	48	181	10	*2
7/16	28	30	48	181	10	*2
1/2	28	30	48	180	10	*2

*1 C-Ring=1401C,Pin/O-Ring=1401A/B
*2 C-Ring=1402C,Pin/O-Ring=1402A/B
➡P242-243

Tolerance

14100M (mm)		14100A (inch)	
6	5.6- 6	**1/4**	6 - 6.4
7	6.6- 7	**5/16**	7.6- 8
8	7.6- 8	**3/8**	9 - 9.6
9	8.4- 9	**7/16**	10.5-11.1
10	9.4-10	**1/2**	12.1-12.7
12	11.4-12		

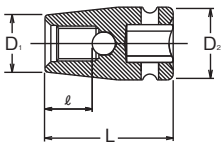
Hexagon body design can lessen the excessive load on cages and rollers inside the pullers.

Der neue Körper mit sechs Walzenmulden verteilt den Druck auf den Käfig und die Walzen weitaus vorteilhafter.

La forme hexagonale du corps améliore les tolérances.
Elle répartit l’effort de façon plus uniforme sur la cage et les rouleaux.

14103M

Impact Stud Bolt Setters
Impact Stehbolzensetzer
Monte-goujons Impact



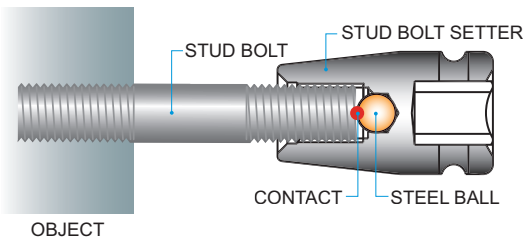
14103M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6(1.0)	12	25	10	38	75	10	*1
7(1.0)	13.2	25	11.4	38	78	10	*1
8(1.25)	14.5	25	11.5	38	81	10	*1
10(1.25)	17	25	13.5	44	106	10	*1
10(1.5)	17	25	13.5	44	106	10	*1
12(1.25)	19.5	25	15.5	44	107	10	*1
12(1.75)	19.5	25	15.5	44	107	10	*1
14(1.5)	22	25	18.2	48	128	10	*1
14(2.0)	22	25	18.2	48	128	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
➡P242-243

A special socket for installing a stud bolt.
Inside steel ball prevent the stud bolt stuck onto the socket. After installing a stud bolt, turn to anti-clockwise to removing the socket.

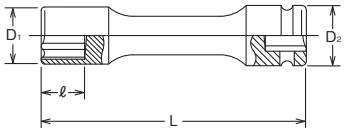
Spezialwerkzeug zum Setzen von Stehbolzen. Der Bolzen trifft im Werkzeug nur auf den Stahlbolzen, was die Kontaktfläche verringert. Nach dem Setzen des Stehbolzens kann das Werkzeug im Linkslauf vom Stehbolzen abgezogen werden.

Douilles spéciales pour monter les goujons.
Le goujon est en contact avec une bille d’acier pour l’empêcher d’adhérer à la douille.
Après avoir posé le goujon, tourner dans le sens antihorlogique pour le retirer



14145M-150/-200/-250

Extra Long Sockets
Schaftsteckschlüssel
Douilles, série allongée



14145M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	17	25	10	150	190	1	*1
12	19.5	25	12	150	204	1	*1
13	20.7	25	13	150	216	1	*1
14	22	25	14	150	228	1	*1
15	23.2	25	15	150	240	1	*1
16	24.5	25	16	150	245	1	*1
17	25.7	25	17	150	253	1	*1
18	27	25	18	150	260	1	*1
19	28.2	25	19	150	267	1	*1

14145M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	17	25	10	200	234	1	*1
12	19.5	25	12	200	248	1	*1
13	20.7	25	13	200	260	1	*1
14	22	25	14	200	272	1	*1
15	23.2	25	15	200	284	1	*1
16	24.5	25	16	200	290	1	*1
17	25.7	25	17	200	297	1	*1
18	27	25	18	200	305	1	*1
19	28.2	25	19	200	311	1	*1

14145M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	17	25	10	250	278	1	*1
12	19.5	25	12	250	292	1	*1
13	20.7	25	13	250	304	1	*1
14	22	25	14	250	316	1	*1
15	23.2	25	15	250	328	1	*1
16	24.5	25	16	250	335	1	*1
17	25.7	25	17	250	341	1	*1
18	27	25	18	250	350	1	*1
19	28.2	25	19	250	355	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P242-243

14145A-150

Extra Long Sockets
Schaftsteckschlüssel
Douilles, série allongée

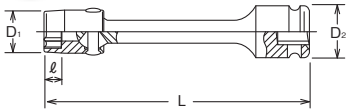
thin

14145A-150 (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
9/16(D20)	20	25	13	150	200	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P242-243
For Land Rover Prop Shaft

14146M-150/-200/-250

Extra Long Universal Sockets
Schaftsteckschlüssel mit Gelenk
Douilles, articulées, série allongée



14146M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	16	25	6.5	150	197	1	*1
12	19.3	25	7.5	150	200	1	*1
13	20	25	8	150	201	1	*1
14	21	25	8.5	150	203	1	*1
15	22	25	9	150	201	1	*1
16	23	25	9.5	150	200	1	*1
17	25	25	9.5	150	200	1	*1
18	26	25	11	150	210	1	*1
19	28	25	11.5	150	210	1	*1

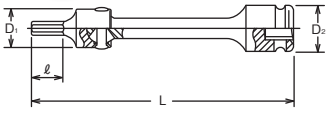
14146M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	16	25	6.5	200	241	1	*1
12	19.3	25	7.5	200	244	1	*1
13	20	25	8	200	245	1	*1
14	21	25	8.5	200	247	1	*1
15	22	25	9	200	245	1	*1
16	23	25	9.5	200	244	1	*1
17	25	25	9.5	200	244	1	*1
18	26	25	11	200	250	1	*1
19	28	25	11.5	200	254	1	*1

14146M-250 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
10	16	25	6.5	250	285	1	*1
12	19.3	25	7.5	250	288	1	*1
13	20	25	8	250	289	1	*1
14	21	25	8.5	250	291	1	*1
15	22	25	9	250	289	1	*1
16	23	25	9.5	250	288	1	*1
17	25	25	9.5	250	288	1	*1
18	26	25	11	250	290	1	*1
19	28	25	11.5	250	299	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P242-243

14147M-150/-200

Extra Long Universal Inhex Sockets
Schaftsteckschlüssel mit Aussensechskant Gelenk
Douilles, articulées, à 6-pans mâle, série allongée



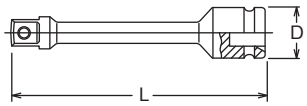
14147M-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
6	25	25	15	150	200	1	*1
8	25	25	15	150	205	1	*1
10	25	25	15	150	210	1	*1
12	25	25	15	150	217	1	*1

14147M-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
6	25	25	15	200	244	1	*1
8	25	25	15	200	249	1	*1
10	25	25	15	200	254	1	*1
12	25	25	15	200	261	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P242-243

14112-P

Torsion Extension Bars (for tightening only)
Torsionsstab-Verlängerungen (nur zum Anziehen)
Barres de torsion (pour serrage seulement)

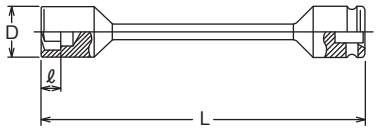


14112-P (Nm)	D (mm)	L (mm)	(g)	(pce.)	
90Nm	25	208	206	1	*1
95Nm	25	202	200	1	*1
100Nm	25	196	198	1	*1
110Nm	25	213	220	1	*1
120Nm	25	201	219	1	*1
130Nm	25	205	225	1	*1
140Nm	25	205	230	1	*1
150Nm	25	195	250	1	*1
170Nm	25	195	257	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P242-243

14101M

Torsion Bars (for tightening only)
Torsionsstäbe (nur zum Anziehen)
Barres de torsion (pour serrage seulement)



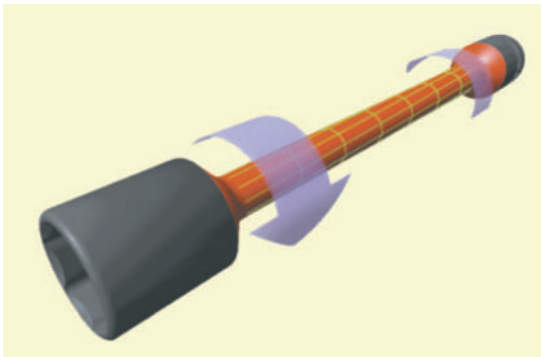
14101M (mm×Nm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
14× 95Nm	22	11	208	230	1	*1
15×110Nm	23.2	11	201	230	1	*1
17× 60Nm	25.7	12	216	227	1	*1
17× 75Nm	25.7	12	228	240	1	*1
17× 95Nm	25.7	12	214	256	1	*1
17×110Nm	25.7	12	204	285	1	*1
17×120Nm	25.7	12	200	284	1	*1
19× 60Nm	28.2	13	219	237	1	*1
19× 90Nm	28.2	13	259	275	1	*1
19×110Nm	28.2	13	214	278	1	*1
19×120Nm	28.2	13	203	297	1	*1
19×135Nm	28.2	13	206	339	1	*1
19×170Nm	28.2	13	190	332	1	*1
21×100Nm	30.7	14	214	288	1	*1
21×120Nm	30.7	14	203	288	1	*1
22×160Nm	32	15	209	385	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P242-243

How to use Torsion Bar:
1. Use with a 1/2” Sq. Dr. Pneumatic impact wrench.
2. Set air pressure 0.6MPa, and set impact wrench dial Medium range.
3. Chose a suitable Torsion bar according to wheel nut size and indicated tightening torque.
4. Attach the torsion bar to impact wrench and apply load.
5. Check the actual tightening torque value with torque wrench.
6. Adjust air pressure or torque value according to the results of check 5.
7. Tight other wheel nut in diagonal order.

Anwendung der Torsionsstäbe:
1. Verwendung mit Druckluft-Schlagschraubern mit 1/2” Anschlussvierkant.
2. Stellen Sie den Druck auf 6 Bar ein, und wählen Sie die mittlere Einstellung am Schlagschrauber.
3. Wählen Sie den passenden Torsionsstab (Kombination aus Schlüsselweite der Radschraube und Drehmoment) aus, und befestigen ihn am Gerät.
4. Ziehen Sie nun die Radmutter an, bis sich der Torsionsstab nicht weiter dreht.
5. Überprüfen Sie das Anzugsmoment mit dem Drehmomentschlüssel.
6. Passen Sie den Luftdruck bzw. die Einstellung am Schrauber dem Resultat der Drehmomentüberprüfung (Punkt 5.) an.
7. Ziehen Sie nun alle Radschrauben diagonal an.

Conseils d´utilisation:
1. A utiliser avec une visseuse à chocs pneumatique en carré entraînant 1/2”.
2. Choisissez comme pression d’air 0.6HPa et ensuite la position moyenne de la visseuse.
3. Prenez une barre de torsion correspondant à l’ouverture du 6-pans de la vis ainsi qu’au couple nécessaire.
4. Serrez la vis jusqu’à l’arrêt de la barre de torsion.
5. Contrôlez le couple avec une clé dynamométrique.
6. Ajustez pression et/ou couple selon le résultat du contrôle sous 5.
7. Serrez toutes les vis en diagonale.



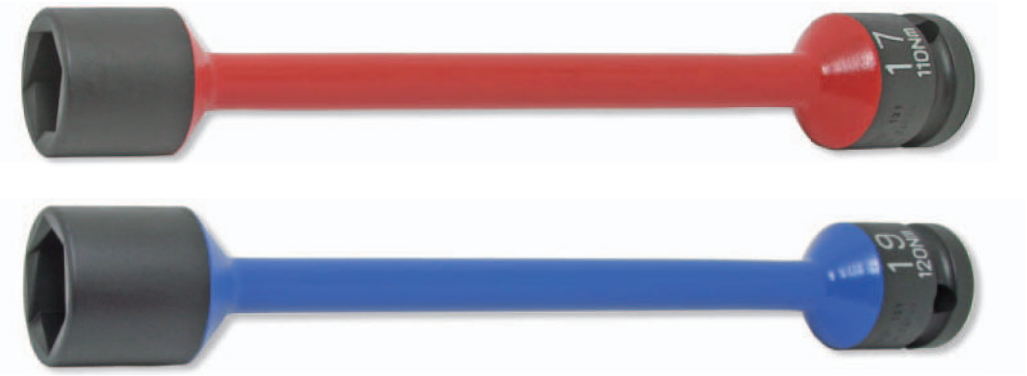
As the torque could vary with the type and the condition of the impact wrench, we strongly recommend the control with a torque wrench.

Da die Drehmomentwerte von Art und Leistung des verwendeten Schlagschraubers abhängen, empfehlen wir die Kontrolle der Kombination Schlagschrauber/ Torsionsstab mittels eines Drehmomentschlüssels.

Etant donné que le couple peut varier selon modèle, la capacité ou l'état de la clé à choc, le contrôle de la combinaison clé à choc/barre par clé dynamométrique est indispensable.

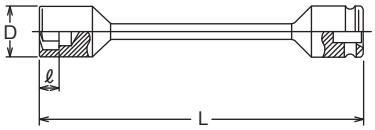
14101MP

Torsion Bars (for tightening only)
Torsionsstäbe (nur zum Anziehen)
Barres de torsion (pour serrage seulement)



14101MP (mm×Nm)	D (mm)	ℓ (mm)	L (mm)	Shaft Color	(pcs.)	
17× 95Nm	25.7	12	214		10	*1
17×110Nm	25.7	12	204		10	*1
17×120Nm	25.7	12	200		10	*1
19× 90Nm	28.2	13	259		10	*1
19×100Nm	28.2	13	233		10	*1
19×120Nm	28.2	13	203		10	*1
19×140Nm	28.2	13	199		10	*1
21×100Nm	30.7	14	214		10	*1
21×120Nm	30.7	14	203		10	*1
22×150Nm	30.7	14	220		10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P242-243



14101MP-M/8

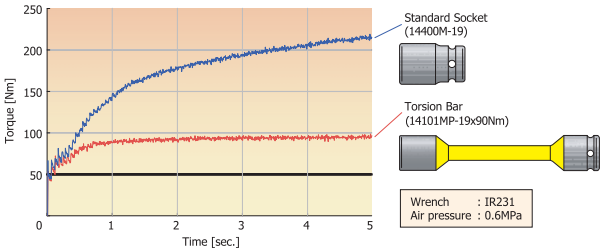
Metal-Wall-Hanger for Workshops
Werkstatt-Wandhänger (Metall)
Support métallique d’atelier

14101MP-M/8	8 Pieces Set/=2,300g
HANGER	
Torsion Bar	
14101MP Impact Torsion Bars 17×95Nm, 17×110Nm, 17×120Nm, 19×90Nm, 19×100Nm, 19×120Nm, 19×140Nm, 21×100Nm	

Torsion Bars
- Designed for tightening wheel nuts with an impact wrench.
- Prevent the excessive torque road.
- Color coded shafts make size identification easy.

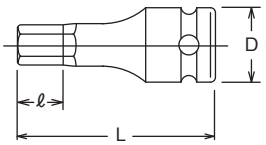
Torsionsstäbe
- Zur Montage von Radmuttern mit dem Schlagschrauber.
- Schützt die Radmutter vor zu hohen Anzugsmomenten.
- Die Farbmarkierung erleichtert das Erkennen des passenden Werkzeugs.

Barres de torsion
- Pour le montage d’écrous de roue avec visseuse à chocs.
- Protège l’écroue d’un serrage à couple excessif.
- La colorisation des barres facilite l’identification des tailles.



14012M-60

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux



14012M-60 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
4	25	15.5	60	68	10	*1
5	25	15.5	60	71	10	*1
6	25	15.5	60	74	10	*1
7	25	15.5	60	80	10	*1
8	25	15.5	60	84	10	*1
10	30	15.5	60	140	10	*2
12	30	15.5	60	150	10	*2
14	30	15.5	60	170	10	*2
17	30	15.5	60	190	10	*2
19	30	15.5	60	210	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

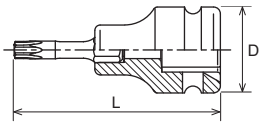
RS14012M/10-L60

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS14012M/10-L60	10 Pieces Set/Rail 300mm	(g)
4, 5, 6, 7, 8, 10, 12, 14, 17, 19		1,300

14025-60/-100

TORX® Bit Sockets
TORX® Bit-Steckschlüssel
Douilles tournevis,TORX®



	14025-60 (T)	D (mm)	L (mm)	(g)	(pcs.)	
New	**T20**	25	60	75	10	*1
New	**T25**	25	60	75	10	*1
New	**T27**	25	60	75	10	*1
	T30	25	60	80	10	*1
	T40	25	60	85	10	*1
	T45	25	60	85	10	*1
	T50	25	60	95	10	*1
	T55	25	60	110	10	*1
	T60	30	60	160	10	*2

	14025-100 (T)	D (mm)	L (mm)	(g)	(pcs.)	
New	**T30**	25	100	85	10	*1
New	**T40**	25	100	95	10	*1
New	**T45**	25	100	102	10	*1
New	**T50**	25	100	120	10	*1
New	**T55**	25	100	155	10	*1
New	**T60**	30	100	220	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➡P242-243

RS14025/6-L60

Socket Set on Rail
Steckschlüsselsatz auf Schiene
Jeu de douilles sur rail

RS14025/6-L60	6 Pieces Set/Rail 200mm	(g)
T30, T40, T45, T50, T55,T60		650

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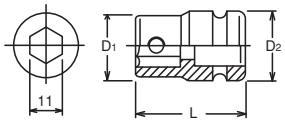
14105

Bit Holder
Klingenhalter
Porte-embouts



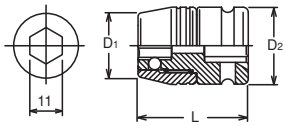
	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14105	22	30	38	126	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P242-243

Replacement Screw : M5×6, ⬢ 2.5mm
Ersatzschraube : M5×6, ⬢ 2.5mm
Vis de remplacement : M5×6, ⬢ 2.5mm

14105L

Bit Holder (Quick Release)
Klingenhalter mit Schnellwechselfutter
Porte embout (Quick Release)

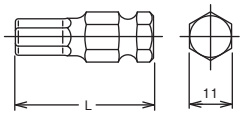


	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14105L	22	30	43	160	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P242-243

107-11

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux



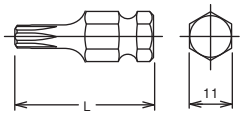
107-11 (mm)	L (mm)	(g)	(pcs.)
3	35	15	10
4	35	16	10
5	35	16	10
6	35	18	10
7	35	19	10
8	35	20	10
10	35	26	10
11	35	28	10
12	35	31	10
14	35	38	10
16	35	47	10
17	35	50	10
18	35	53	10
19	35	56	10

107-11(L80) (mm)	L (mm)	(g)	(pcs.)
4	80	54	10
5	80	54	10
6	80	56	10
7	80	57	10
8	80	59	10
10	80	64	10
11	80	66	10
12	80	76	10
14	80	98	10

107-11 (inch)	L (mm)	(g)	(pcs.)
3/16	35	16	10
7/32	35	16	10
1/4	35	18	10
5/16	35	20	10
3/8	35	26	10
7/16	35	28	10
1/2	35	38	10
5/8	35	47	10
3/4	35	56	10

107-11 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

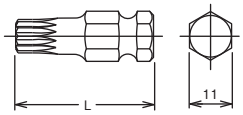


107-11 (T)	L (mm)	(g)	(pcs.)
T25	35	18	10
T30	35	18	10
T40	35	20	10
T45	35	22	10
T50	35	26	10
T55	35	31	10
T60	35	38	10

107-11(L80) (T)	L (mm)	(g)	(pcs.)
T30	80	54	10
T40	80	54	10
T45	80	56	10
T50	80	57	10
T55	80	66	10
T60	80	76	10

107-11 (XZN)

Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-11 (XZN)	L (mm)	(g)	(pcs.)
M 4	35	18	10
M 5	35	20	10
M 6	35	22	10
M 8	35	26	10
M10	35	31	10
M12	35	38	10

107-11(L80) (XZN)	L (mm)	(g)	(pcs.)
M 4	80	54	10
M 5	80	54	10
M 6	80	56	10
M 8	80	57	10
M10	80	66	10
M12	80	76	10
M14	80	80	10

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14105-11

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit

14105-11 (inch)	L (mm)	(g)	(pcs.)	
1/4	60	144	10	*1
5/16	60	146	10	*1
3/8	60	152	10	*1
1/2	60	164	10	*1
3/4	60	182	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

14105-11 (T)

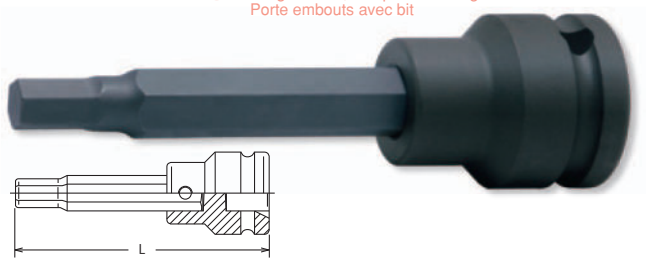
Bit Holder complete with TORX® Bit
Klingenhalter, komplett mit TORX® Klinge
Porte embouts avec bit TORX®

14105-11 (XZN)

Bit Holder complete with XZN Bit
Klingenhalter, komplett mit XZN Klinge
Porte embouts avec bit XZN

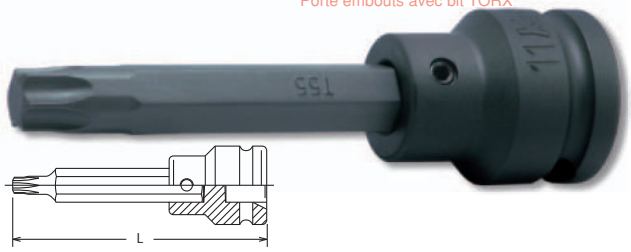
14105-L105

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit



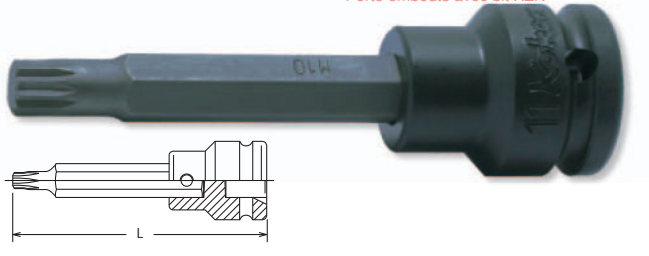
14105-L105 (T)

Bit Holder complete with TORX® Bit
Klingenhalter, komplett mit TORX® Klinge
Porte embouts avec bit TORX®



14105-L105 (XZN)

Bit Holder complete with XZN Bit
Klingenhalter, komplett mit XZN Klinge
Porte embouts avec bit XZN



14105-11 (mm)	L (mm)	(g)	(pcs.)	
3	60	141	10	*1
4	60	142	10	*1
5	60	142	10	*1
6	60	144	10	*1
7	60	145	10	*1
8	60	146	10	*1
10	60	152	10	*1
11	60	154	10	*1
12	60	157	10	*1
14	60	164	10	*1
16	60	173	10	*1
17	60	176	10	*1
18	60	179	10	*1
19	60	182	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

14105-11 (T)	L (mm)	(g)	(pcs.)	
T30	60	144	10	*1
T40	60	146	10	*1
T45	60	152	10	*1
T50	60	157	10	*1
T55	60	160	10	*1
T60	60	164	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

14105-11 (XZN)	L (mm)	(g)	(pcs.)	
M 4	60	144	10	*1
M 5	60	146	10	*1
M 6	60	152	10	*1
M 8	60	157	10	*1
M10	60	160	10	*1
M12	60	164	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

14105(L105) (mm)	L (mm)	(g)	(pcs.)	
4	105	180	10	*1
5	105	180	10	*1
6	105	185	10	*1
7	105	185	10	*1
8	105	185	10	*1
10	105	190	10	*1
11	105	190	10	*1
12	105	200	10	*1
14	105	230	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

14105(L105) (T)	L (mm)	(g)	(pcs.)	
T30	105	180	10	*1
T40	105	180	10	*1
T45	105	185	10	*1
T50	105	185	10	*1
T55	105	195	10	*1
T60	105	205	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

	14105(L105) (XZN)	L (mm)	(g)	(pcs.)	
New	**M 4**	105	180	10	*1
New	**M 5**	105	180	10	*1
New	**M 6**	105	185	10	*1
New	**M 8**	105	185	10	*1
New	**M10**	105	195	10	*1
New	**M12**	105	205	10	*1
New	**M14**	105	210	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➡P242-243

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14106

Bit Holder
Klingenhalter
Porte-embouts

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14106	28	30	43	160	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P242-243

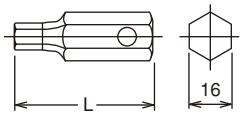
Replacement Screw : M6×8, ⬢ 3mm
Ersatzschraube : M6×8, ⬢ 3mm
Vis de remplacement : M6×8, ⬢ 3mm

107-16

Bits for Inhex screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans mâles creux

107-16 (mm)	L (mm)	(g)	(pcs.)
10	40	46	10
12	40	52	10
13	40	56	10
14	40	60	10
16	40	69	10
17	40	73	10
18	40	78	10
19	40	80	10
22	40	97	10

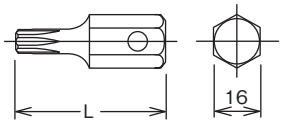
107-16 (inch)	L (mm)	(g)	(pcs.)
1/2	40	56	10
9/16	40	60	10
5/8	40	69	10
3/4	40	80	10



107-16 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

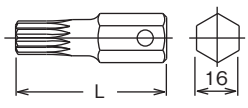
107-16 (T)	L (mm)	(g)	(pcs.)
T55	50	57	10
T60	50	64	10
T70	50	73	10



107-16 (XZN)

Bits XZN
Klingen XZN
Embouts de vissage, XZN

107-16 (XZN)	L (mm)	(g)	(pcs.)
M14	60	83	10
M16	60	93	10
M18	60	103	10



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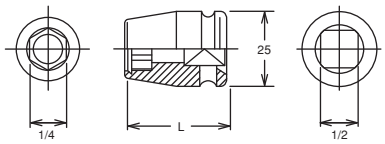
14139

Bit Holder
Klingenhalter
Porte-embouts



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14139-1/4	11	25	38	62	10	*1

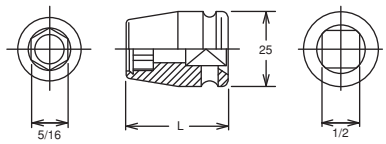
*1 C-Ring=1401C,Pin/O-Ring=1401A/B ➔P242-243

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour embouts DIN3126 C6.3

D6.3

14140

Bit Holder
Klingenhalter
Porte-embouts



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14140-5/16	14	25	38	62	10	*1

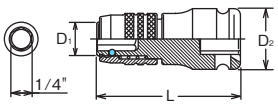
*1 C-Ring=1401C,Pin/O-Ring=1401A/B ➔P242-243

For DIN3126 C8 Bits
Für DIN3126 C8 Bits
Pour embouts DIN3126 C8

D8

14142-D6.3

Bit Holder (Quick Release)
Kingenhalter (Schnellwechselfutter)
Porte embouts (mandrin autoserrant)



	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14142-D6.3	16	25	55	97	10	*1

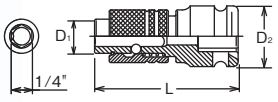
*1 C-Ring=1401C,Pin/O-Ring=1401A/B ➔P242-243

For DIN3126 C6.3 Bits
Für DIN3126 C6.3 Bits
Pour embouts DIN3126 C6.3

D6.3

14142-F6.3

Bit Holder (Quick Release)
Kingenhalter (Schnellwechselfutter)
Porte embouts (mandrin autoserrant)



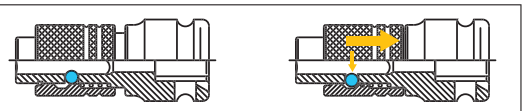
	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
14142-F6.3	16.5	25	55	100	10	*1

*1 C-Ring=1401C,Pin/O-Ring=1401A/B ➔P242-243

For DIN3126 E6.3 Bits
Für DIN3126 E6.3 Bits
Pour embouts DIN3126 E6.3

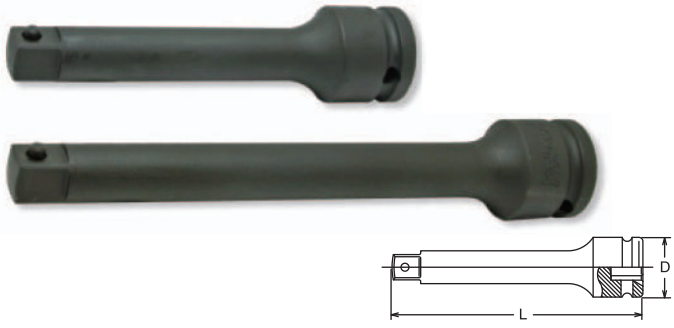
F6.3

Lock & Quick Release



14760-50P/-75P/-100P/-125P/-150P/ -175P/-200P/-250P

Extension Bars
Verlängerungen
Rallonges

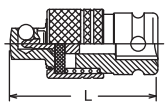


14760	D (mm)	L (mm)	(g)	(pce.)	
50P	30	50	150	1	*1
75P	30	75	188	1	*1
100P	30	100	240	1	*1
125P	30	125	275	1	*1
150P	30	150	300	1	*1
175P	30	175	358	1	*1
200P	30	200	405	1	*1
250P	30	250	480	1	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P242-243

14444AL

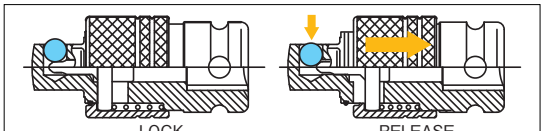
Adaptor (Quick Release)
Verbindungsstück (Quick Release)
Adaptateur (Quick Release)



	L (mm)	(g)	(pcs.)	
14444AL	60	128	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P242-243

Lock & Quick Release



14770-P

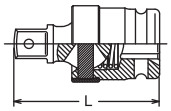
Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pcs.)	
14770-P	74	210	5	*1
14771-P	65	198	5	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P242-243

14771-P

Universal Joint
Gelenk-Einsatz
Cardan universel

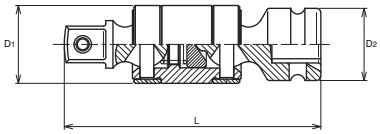


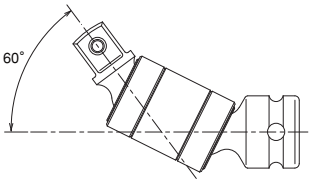
14772-P

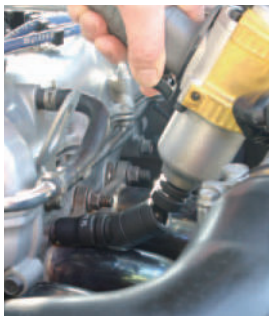
Universal Double Joint
Doppelgelenk-Einsatz
Cardan universel double

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pce.)	
14772-P	27	25	90	230	5	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P242-243







Make sure sockets hold bolts or nuts before operation.

Vergewissern Sie sich vor dem Gebrauch, dass der Steckschlüssel die Schraube sicher umfasst hat.

Avant la manipulation, il est nécessaire de s’assurer que la douille renferme parfaitement la vis.

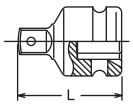
14433A-P

Adaptor
Verbindungsstück
Réducteur

No Warranty
Keine Garantie
Sans Garantie

	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
14433A-P	1/2"	3/8"	36	68	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➔P242-243



Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

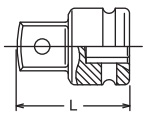
Il est possible d’appliquer aux articles marqués ⚠ des couples de serrage susceptibles d’occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d’une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

14455A

Adaptor
Verbindungsstück
Augmentateur

	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
14455A	1/2"	5/8"	42	135	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P242-243

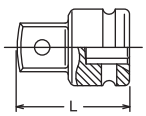


14466A

Adaptor
Verbindungsstück
Augmentateur

	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
14466A	1/2"	3/4"	44	146	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B ➔P242-243



14203M

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

14203M	10 Pieces Set/=900g
METAL CASE:W215×H80×T47mm	
Bits	Bit Holder
107.11 Hex Bits 5, 6, 8, 10	**14105** Bit Holder
107.16 Hex Bits 12, 14, 17, 19	**14106** Bit Holder

14204M

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

14204M	18 Pieces Set/=1,370g
METAL CASE:W310×H90×T48mm	
Bits	Bit Holder
107.11 Hex Bits 4, 5, 6, 7, 8, 10, 12, 14	**14105** Bit Holder
107.11 (L80) Hex Bits 4, 5, 6, 7, 8, 10, 12, 14	**168H-2.5 (40)** Screwdriver

14204T

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

14204T	14 Pieces Set/=1,180g
METAL CASE:W310×H90×T48mm	
Bits	Bit Holder
107.11 (T) TORX® Bits T30, T40, T45, T50, T55, T60	**14105** Bit Holder
107.11 (L80) TORX® Bits T30, T40, T45, T50, T55, T60	**168H-2.5 (40)** Screwdriver

14204X

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

14204X	14 Pieces Set/=1,180g
METAL CASE:W310×H90×T48mm	
Bits	Bit Holder
107.11 (XZN) XZN Bits M4, M5, M6, M8, M10, M12	**14105** Bit Holder
107.11 (L80) XZN Bits M4, M5, M6, M8, M10, M12	**168H-2.5 (40)** Screwdriver

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TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

14207M

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

14207M	10 Pieces Set/=2,700g

METAL CASE:W310×H90×T48mm

Sockets
14300M 6-pt Deep Sockets 10, 12, 13, 14, 17, 19, 21, 22, 24, 27

14208M

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

14208M	13 Pieces Set/=3,500g

METAL CASE:W395×H90×T50mm

Sockets
14300M 6-pt Deep Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27

14241M-00
14241M-05

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

14241M-00	13 Pieces Set/=2,000g

METAL CASE:W196×H100×T45mm

Sockets
14400M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27

14241M-05	13 Pieces Set/=2,000g

METAL CASE:W196×H100×T45mm

Sockets
14405M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27

14242M

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

14242M	12 Pieces Set/=1,890g

METAL CASE:W310×H90×T48mm

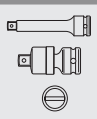
Sockets
14400M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 27

14245M-00
14245M-05

Socket Set
Steckschlüssel Satz
Jeu de clés à douilles

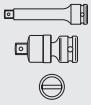
14245M-00	18 Pieces Set/=2,250g

METAL CASE:W310×H90×T48mm

Sockets	Accessories
14400M 6-pt. Sockets 10, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27	 **14760-125P** **14770-P** **1401A, 1402A** **1401B, 1402B**

14245M-05	18 Pieces Set/=2,250g

METAL CASE:W310×H90×T48mm

Sockets	Accessories
14405M 12-pt. Sockets 10, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27	 **14760-125P** **14770-P** **1401A, 1402A** **1401B, 1402B**

5/8”

15400M

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

15400M (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
14	24	35	10	47.5	220	10	*1
17	27.8	35	12	47.5	230	10	*1
19	30.3	35	13	47.5	225	10	*1
21	32.8	35	15	47.5	225	10	*1
22	34	35	15	47.5	225	10	*1
23	35.4	35	16	47.5	225	10	*1
24	36.5	35	16	50.5	245	10	*1
26	39	35	16	50.5	260	10	*1

*1 Pin/O-Ring=1500A/B ➔P242

15410M

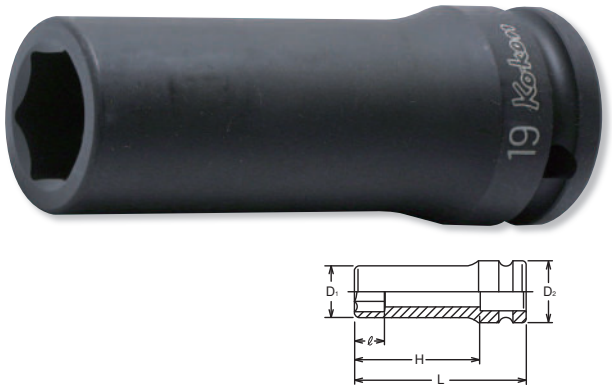
Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive

15410M (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
14	24	35	10	47.5	220	10	*1
17	27.8	35	12	47.5	230	10	*1
19	30.3	35	13	47.5	225	10	*1
21	32.8	35	15	47.5	225	10	*1
22	34	35	15	47.5	225	10	*1
23	35.4	35	16	47.5	225	10	*1
24	36.5	35	16	50.5	245	10	*1
26	39	35	16	50.5	260	10	*1

*1 Pin/O-Ring=1500A/B ➔P242

15300M

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans

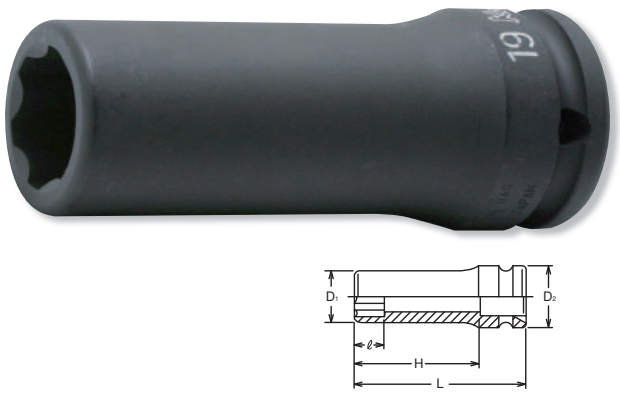


15300M (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
14	24	35	14	71	90	295	10	*1
17	27.8	35	17	71	90	325	10	*1
19	30.3	35	19	71	90	350	10	*1
21	32.8	35	21	71	90	380	10	*1
22	34	35	22	71	90	390	10	*1

*1 Pin/O-Ring=1500A/B ➔P242

15310M

Surface Drive Sockets, deep
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



15310M (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
14	24	35	14	71	90	295	10	*1
17	27.8	35	17	71	90	325	10	*1
19	30.3	35	19	71	90	350	10	*1
21	32.8	35	21	71	90	380	10	*1
22	34	35	22	71	90	390	10	*1

*1 Pin/O-Ring=1500A/B ➔P242

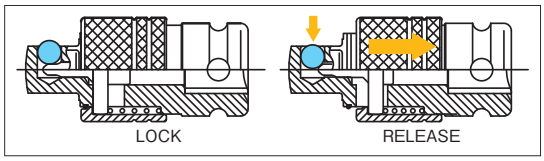
15555AL

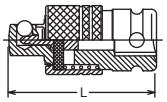
Adaptor (Quick Release)
Schnellwechsel-Verbindungsstück (Quick Release)
Adaptateur (Quick Release)

	L (mm)	(g)	(pcs.)	
15555AL	70	310	10	*1

*1 Pin/O-Ring=1500A/B ➔P242

Lock & Quick Release



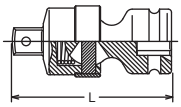


15770

Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pcs.)	
15770	88	420	10	*1

*1 Pin/O-Ring=1500A/B ➔P242



15544A-P

Adaptor
Verbindungsstück
Réducteur

No Warranty
Keine Garantie
Sans Garantie

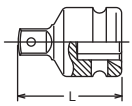
	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
15544A-P	5/8"	1/2"	46	165	10	*1

*1 Pin/O-Ring=1500A/B ➔P242

Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d’appliquer aux articles marqués ⚠ des couples de serrage susceptibles d’occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d’une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

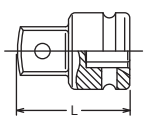


15566A

Adaptor
Verbindungsstück
Augmentateur

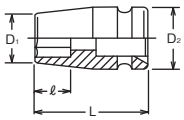
	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
15566A	5/8"	3/4"	48	200	10	*1

*1 Pin/O-Ring=1500A/B ➔P242



16400M / 16400A

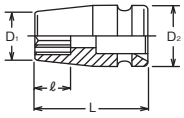
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



16400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
11/16	30	44	12	50	355	5	*1
3/4	32.5	44	13	50	360	5	*1
13/16	35	44	15	50	374	5	*1
7/8	36.3	44	15	50	373	5	*1
15/16	38.8	44	16	50	370	5	*1
1	40	44	16	50	374	5	*1
1. 1/16	42.5	44	16	50	375	5	*1
1. 1/8	45	44	18	53	412	5	*1
1. 3/16	46.3	44	18	53	410	5	*1
1. 1/4	48.8	44	19	53	428	5	*1
1. 5/16	51.3	44	20	55	490	5	*1
1. 3/8	52.5	44	20	55	494	5	*1
1. 7/16	55	44	20	55	526	2	*1
1. 1/2	56.3	44	20	57	558	2	*1
1. 9/16	58.8	44	20	57	598	2	*1
1. 5/8	60	44	22	57	572	2	*1
1.11/16	62.5	44	23	62	720	2	*1
1. 3/4	65	44	23	62	757	2	*1
1.13/16	66.3	44	23	62	755	2	*1
1. 7/8	68.8	54	23	62	940	2	*2
1.15/16	70	54	23	62	912	2	*2
2	72.5	54	30	62	969	2	*2
2. 1/16	73.8	54	29	62	1011	2	*2
2. 1/8	76.3	54	29	62	1035	2	*2
2. 3/16	77.5	54	29	62	1056	2	*2
2. 1/4	80	54	32	65	1126	2	*2
2. 5/16	81.3	54	31	65	1163	2	*2
2. 3/8	83.8	54	31	65	1215	2	*2

16405M / 16405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



16405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
3/4	32.5	44	13	50	360	5	*1
13/16	35	44	15	50	374	5	*1
7/8	36.3	44	15	50	373	5	*1
15/16	38.8	44	16	50	370	5	*1
1	40	44	16	50	374	5	*1
1. 1/16	42.5	44	16	50	375	5	*1
1. 1/8	45	44	18	53	412	5	*1
1. 3/16	46.3	44	18	53	410	5	*1
1. 1/4	48.8	44	19	53	428	5	*1
1. 5/16	51.3	44	20	55	490	5	*1
1. 3/8	52.5	44	20	55	494	5	*1
1. 7/16	55	44	20	55	526	2	*1
1. 1/2	56.3	44	20	57	558	2	*1
1. 5/8	60	44	22	57	572	2	*1
1.11/16	62.5	44	23	62	720	2	*1
1. 3/4	65	44	23	62	757	2	*1
1. 7/8	68.8	54	23	62	940	2	*2
2	72.5	54	30	62	969	2	*2

16400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	30	44	12	50	355	5	*1
18	31.3	44	13	50	372	5	*1
19	32.5	44	13	50	360	5	*1
20	33.8	44	14	50	375	5	*1
21	35	44	15	50	374	5	*1
22	36.3	44	15	50	373	5	*1
23	37.5	44	16	50	373	5	*1
24	38.8	44	16	50	370	5	*1
25	40	44	16	50	374	5	*1
26	41.3	44	16	50	378	5	*1
27	42.5	44	16	50	375	5	*1
28	43.8	44	16	50	383	5	*1
29	45	44	18	53	412	5	*1
30	46.3	44	18	53	410	5	*1
31	47.5	44	18	53	426	5	*1
32	48.8	44	19	53	428	5	*1
33	50	44	20	55	470	5	*1
34	51.3	44	20	55	490	5	*1
35	52.5	44	20	55	494	5	*1
36	53.8	44	20	55	498	5	*1
37	55	44	20	55	526	2	*1
38	56.3	44	20	57	558	2	*1
39	57.5	44	20	57	579	2	*1
40	58.8	44	20	57	598	2	*1
41	60	44	22	57	572	2	*1
42	61.3	44	22	57	617	2	*1
43	62.5	44	23	62	720	2	*1
44	63.8	44	23	62	761	2	*1
45	65	44	23	62	757	2	*1
46	66.3	44	23	62	755	2	*1
47	67.5	54	23	62	805	2	*2
48	68.8	54	23	62	940	2	*2
49	70	54	23	62	912	2	*2
50	71.3	54	30	62	930	2	*2
52	73.8	54	29	62	1011	2	*2
54	76.3	54	29	62	1035	2	*2
55	77.5	54	29	62	1056	2	*2
56	78.8	54	29	62	1091	2	*2
57	80	54	32	65	1126	2	*2
58	81.3	54	31	65	1163	2	*2
59	82.5	54	31	65	1185	2	*2
60	83.8	54	31	65	1215	2	*2
New 65	90	54	30	65	1325	2	*2
New 70	96.3	54	34	70	1570	1	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B
➡P242-243

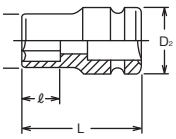
16405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	30	44	12	50	355	5	*1
18	31.3	44	13	50	372	5	*1
19	32.5	44	13	50	360	5	*1
20	33.8	44	14	50	375	5	*1
21	35	44	15	50	374	5	*1
22	36.3	44	15	50	373	5	*1
23	37.5	44	16	50	373	5	*1
24	38.8	44	16	50	370	5	*1
25	40	44	16	50	374	5	*1
26	41.3	44	16	50	378	5	*1
27	42.5	44	16	50	375	5	*1
28	43.8	44	16	50	383	5	*1
29	45	44	18	53	412	5	*1
30	46.3	44	18	53	410	5	*1
32	48.8	44	19	53	428	5	*1
33	50	44	20	55	470	5	*1
34	51.3	44	20	55	490	5	*1
36	53.8	44	20	55	498	5	*1
38	56.3	44	20	57	558	2	*1
41	60	44	22	57	572	2	*1
42	61.3	44	22	57	617	2	*1
46	66.3	44	23	62	755	2	*1
50	71.3	54	30	62	930	2	*2
52	73.8	54	29	62	1011	2	*2
55	77.5	54	29	62	1056	2	*2
60	83.8	54	31	65	1215	2	*2
New 65	90	54	30	65	1325	2	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B
➡P242-243

16401M
16401A

6-point Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 6-pans

thin



16401M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	28	43	12	50	300	5	*1
18	29.3	43	13	50	300	5	*1
19	30.5	43	13	50	300	5	*1
20	31.8	43	14	50	302	5	*1
21	33	43	15	50	305	5	*1
22	34.3	43	15	50	310	5	*1
23	35.5	43	16	50	315	5	*1
24	36.8	43	16	50	325	5	*1
25	38	43	16	50	326	5	*1
26	39.3	43	16	50	330	5	*1
27	40.5	43	16	50	340	5	*1
28	41.8	43	16	50	345	5	*1
29	43	43	18	53	355	5	*1
30	44.3	43	18	53	365	5	*1
31	45.5	43	18	53	375	5	*1
32	46.8	43	19	53	385	5	*1
33	48	43	20	55	395	5	*1
34	49.3	43	20	55	420	5	*1
35	50.5	43	20	55	430	5	*1
36	51.8	43	20	55	440	5	*1
37	53	43	20	55	460	2	*1
38	54.3	43	20	57	472	2	*1
40	56.8	43	20	57	525	2	*1
41	58	43	22	57	555	2	*1
42	59.3	43	22	57	565	2	*1
44	61.8	43	23	62	670	2	*1
46	64.3	43	23	62	710	2	*1

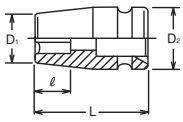
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16401A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
11/16	28	43	12	50	300	5	*1
3/4	30.5	43	13	50	300	5	*1
13/16	33	43	15	50	305	5	*1
7/8	34.3	43	15	50	310	5	*1
15/16	36.8	43	16	50	325	5	*1
1	38	43	16	50	326	5	*1
1. 1/16	40.5	43	16	50	340	5	*1
1. 1/8	43	43	18	53	355	5	*1
1. 3/16	44.3	43	18	53	365	5	*1
1. 1/4	46.8	43	19	53	385	5	*1
1. 3/8	50.5	43	20	55	430	5	*1
1. 7/16	53	43	20	55	460	2	*1
1. 1/2	54.3	43	20	57	472	2	*1
1. 9/16	56.8	43	20	57	525	2	*1
1. 5/8	58	43	22	57	555	2	*1
1.13/16	64.3	43	23	62	710	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16425

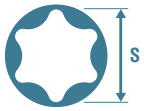
TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



16425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
E18	26.3	44	13	50	355	5	*1
E20	28.8	44	14.4	50	370	5	*1
E22	31.3	44	15.5	50	390	5	*1
E24	32.5	44	17	50	390	5	*1
E26	35	44	18.8	60	460	2	*1
E28	36.3	44	25.2	60	465	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

TORX® (E)

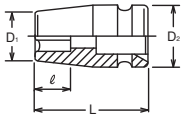


E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S	(ref. mm)	3.83	4.72	5.69	6.17	7.47	9.37	10.03	11.12	12.85	14.71	16.64	18.41	20.24	22.10	23.85	25.65

16425-EPL

TORX PLUS® Sockets
TORX PLUS® Steckschlüssel
Douilles TORX PLUS®

TORXplus®



16425 (EPL)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
New 24EPL	32.5	44	12.2	55	427	5	*1
New 32EPL	40	44	16.1	62	488	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

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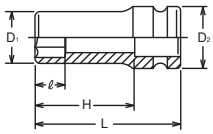
16301X

6-point Semi-Deep Sockets, Thin Walled
6-kant Steckschlüssel mittel lang, dünnwandig
Douilles à paroi mince semi-longues, 6-pans

thin



16301X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
17	28	43	17	49	75	370	2	*1
18	29.3	43	18	49	75	380	2	*1
19	30.5	43	19	49	75	393	2	*1
20	31.8	43	20	49	75	400	2	*1
21	33	43	21	49	75	408	2	*1
22	34.3	43	22	49	75	418	2	*1
23	35.5	43	23	49	75	425	2	*1
24	36.8	43	24	49	75	435	2	*1
25	38	43	25	49	75	449	2	*1
26	39.3	43	26	49	75	455	2	*1
27	40.5	43	27	48	75	464	2	*1
28	41.8	43	28	48	75	479	2	*1
29	43	43	29	48	75	489	2	*1
30	44.3	43	30	48	75	506	2	*1
31	45.5	43	31	47	75	518	2	*1
32	46.8	43	32	47	75	535	2	*1
New **33**	48	43	33	47	75	550	2	*1
35	50.5	43	35	46	75	585	2	*1
36	51.8	43	36	46	75	603	2	*1
37	53	43	37	46	75	645	2	*1
38	54.3	43	38	50	80	691	2	*1
40	56.8	43	38	50	80	725	2	*1
41	58	43	38	49	80	755	2	*1
46	64.3	43	38	48	80	808	2	*1

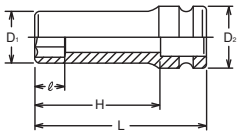
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16300M / 16300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans

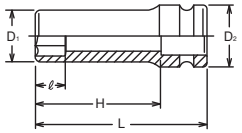
16300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
3/4	32.5	44	19	74	100	655	2	*1
13/16	35	44	21	74	100	700	2	*1
7/8	36.3	44	22	74	100	700	2	*1
15/16	38.8	44	24	74	100	705	2	*1
1	40	44	25	74	100	715	2	*1
1. 1/16	42.5	44	27	73	100	765	2	*1
1. 1/8	45	44	29	73	100	835	2	*1
1. 3/16	46.3	44	30	73	100	840	2	*1
1. 1/4	48.8	44	32	72	100	875	2	*1
1. 5/16	51.3	44	34	72	100	950	2	*1
1. 3/8	52.5	44	35	71	100	980	2	*1
1. 7/16	55	44	37	71	100	970	2	*1
1. 1/2	56.3	44	38	70	100	990	2	*1
1. 9/16	58.8	44	38	70	100	1060	2	*1
1. 5/8	60	44	38	69	100	1120	2	*1
1.11/16	62.5	44	38	69	100	1200	2	*1
1. 3/4	65	44	38	68	100	1284	2	*1
1.13/16	66.3	44	38	68	100	1305	2	*1
1. 7/8	68.8	54	38	67	100	1561	2	*2
2	72.5	54	60	—	100	1516	2	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B ➡P242-243



16300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
17	30	44	17	74	100	544	2	*1
18	31.3	44	18	74	100	642	2	*1
19	32.5	44	19	74	100	655	2	*1
20	33.8	44	20	74	100	680	2	*1
21	35	44	21	74	100	700	2	*1
22	36.3	44	22	74	100	700	2	*1
23	37.5	44	23	74	100	720	2	*1
24	38.8	44	24	74	100	705	2	*1
25	40	44	25	74	100	715	2	*1
26	41.3	44	26	74	100	760	2	*1
27	42.5	44	27	73	100	765	2	*1
28	43.8	44	28	73	100	800	2	*1
29	45	44	29	73	100	835	2	*1
30	46.3	44	30	73	100	840	2	*1
31	47.5	44	31	72	100	815	2	*1
32	48.8	44	32	72	100	875	2	*1
33	50	44	33	72	100	920	2	*1
34	51.3	44	34	72	100	950	2	*1
35	52.5	44	35	71	100	980	2	*1
36	53.8	44	36	71	100	960	2	*1
37	55	44	37	71	100	970	2	*1
38	56.3	44	38	70	100	990	2	*1
40	58.8	44	38	70	100	1060	2	*1
41	60	44	38	69	100	1120	2	*1
42	61.3	44	38	69	100	1153	2	*1
43	62.5	44	38	69	100	1200	2	*1
46	66.3	44	38	68	100	1305	2	*1
50	71.3	54	61	—	100	1469	2	*2
55	77.5	54	59	—	100	1620	2	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B ➡P242-243



16301M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
17	28	43	17	74	100	470	2	*1
18	29.3	43	18	74	100	475	2	*1
19	30.5	43	19	74	100	480	2	*1
20	31.8	43	20	74	100	491	2	*1
21	33	43	21	74	100	505	2	*1
22	34.3	43	22	74	100	528	2	*1
23	35.5	43	23	74	100	542	2	*1
24	36.8	43	24	74	100	560	2	*1
25	38	43	25	74	100	581	2	*1
26	39.3	43	26	74	100	600	2	*1
27	40.5	43	27	73	100	610	2	*1
28	41.8	43	28	73	100	639	2	*1
29	43	43	29	73	100	650	2	*1
30	44.3	43	30	73	100	670	2	*1
31	45.5	43	31	72	100	690	2	*1
32	46.8	43	32	72	100	715	2	*1
33	48	43	33	72	100	750	2	*1
34	49.3	43	34	72	100	772	2	*1
35	50.5	43	35	71	100	785	2	*1
36	51.8	43	36	71	100	830	2	*1
37	53	43	37	71	100	850	2	*1
38	54.3	43	38	70	100	885	2	*1
40	56.8	43	38	70	100	925	2	*1
41	58	43	38	69	100	970	2	*1
42	59.3	43	38	69	100	990	2	*1
46	64.3	43	38	68	100	1150	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
17	30	44	17	74	100	544	2	*1
18	31.3	44	18	74	100	600	2	*1
19	32.5	44	19	74	100	655	2	*1
21	35	44	21	74	100	700	2	*1
22	36.3	44	22	74	100	700	2	*1
23	37.5	44	23	74	100	720	2	*1
24	38.8	44	24	74	100	715	2	*1
26	41.3	44	26	74	100	760	2	*1
27	42.5	44	27	73	100	765	2	*1
28	43.8	44	28	73	100	800	2	*1
29	45	44	29	73	100	835	2	*1
30	46.3	44	30	73	100	840	2	*1
32	48.8	44	32	72	100	875	2	*1
35	52.5	44	35	71	100	980	2	*1
36	53.8	44	36	71	100	960	2	*1
38	56.3	44	38	70	100	990	2	*1
41	60	44	38	69	100	1120	2	*1
46	66.3	44	38	68	100	1305	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
E18	26.3	44	13	74	100	520	2	*1
E20	28.8	44	14.4	74	100	560	2	*1
E22	31.3	44	15.5	74	100	600	2	*1
E24	32.5	44	17	74	100	622	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16301M
16301A

6-point Deep Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince longues, 6-pans

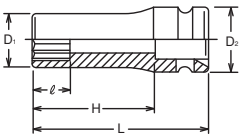
thin

16301A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
11/16	28	43	17	74	100	470	2	*1
3/4	30.5	43	19	74	100	480	2	*1
13/16	33	43	21	74	100	505	2	*1
7/8	34.3	43	22	74	100	528	2	*1
15/16	36.8	43	24	74	100	560	2	*1
1	38	43	25	74	100	581	2	*1
1. 1/16	40.5	43	27	73	100	610	2	*1
1. 1/8	43	43	29	73	100	650	2	*1
1. 3/16	44.3	43	30	73	100	670	2	*1
1. 1/4	46.8	43	32	72	100	715	2	*1
1. 3/8	50.5	43	35	71	100	785	2	*1
1. 7/16	53	43	37	71	100	850	2	*1
1. 1/2	54.3	43	38	70	100	885	2	*1
1. 9/16	56.8	43	38	70	100	925	2	*1
1. 5/8	58	43	38	69	100	970	2	*1
1.13/16	64.3	43	38	68	100	1150	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

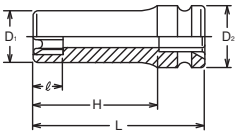
16305M

12-point Sockets, deep
12-kant Steckschlüssel, lang
Douilles longues, 12-pans



16325

TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®



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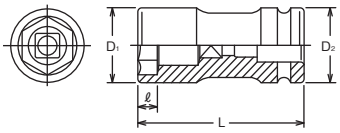
16316M / 16316A

Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern
Douilles spéciales pour écrous de roué arrière



16316M (mm×mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
35×17	52	44	10	90	865	1	*1
38×20	56	44	13	100	952	1	*1
41×19	59	44	12	100	1037	1	*1
41×21	59	44	15	100	963	1	*1

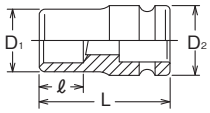
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16316A (inch×inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
1.1/2×13/16	56	44	13	100	940	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16317M / 16317A

Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern
Douilles spéciales pour écrous de roué arrière



16317M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
17	40	44	22.5	67	485	1	*1
19	40	44	22.5	67	462	1	*1
20	44	44	22.5	67	517	1	*1
21	44	44	22.5	67	489	1	*1
22	44	44	22.5	67	482	1	*1

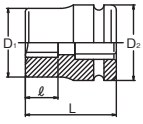
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16317A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
13/16	44	44	22.5	67	489	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

PW6

Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern
Douilles spéciales pour écrous de roué arrière



PW6 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	40	44	19	53	433	2	*1
19	40	44	19	53	419	2	*1
20	44	44	21	55	483	2	*1
21	44	44	23	57	491	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16101M

Torsion Bars (for tightening only)
Torsionsstäbe (nur zum Anziehen)
Barres de torsion (pour serrage seulement)

16101M (mm×Nm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
24×180Nm	38.8	24	235	850	1	*1
27×450Nm	42.5	27	280	1236	1	*1
32×600Nm	48.8	32	280	1370	1	*1
33×600Nm	50	33	280	1370	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➔P242-243

As the torque could vary with the type and the condition of the impact wrench, we strongly recommend the control with a torque wrench.

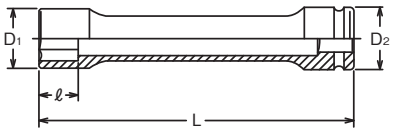
Da die Drehmomentwerte von Art und Leistung des verwendeten Schlagschraubers abhängen, empfehlen wir die Kontrolle der Kombination Schlagschrauber/ Torsionsstab mittels eines Drehmomentschlüssels.

Etant donné que le couple peut varier selon le modèle, la capacité ou l'état de la clé à choc, le contrôle de la combinaison clé à choc/barre par clé dynamométrique est indispensable.

16102M-270/-400

Extra long Sockets for wheel Nuts
Extra lange Steckschlüssel für Radmuttern
Douilles extra-longues pour écrous de roue

16102M-270 (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
24	38.8	44	24	270	1034	1	*1
27	42.5	44	27	270	1088	1	*1
30	46.3	44	30	270	1144	1	*1
32	48.8	44	32	270	1157	1	*1
33	50	44	32	270	1200	1	*1
36	53.8	44	32	270	1250	1	*1

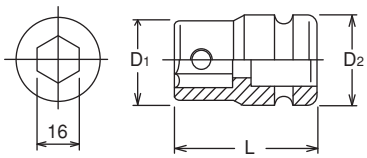


16102M-400 (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
24	38.8	44	24	400	1430	1	*1
27	42.5	44	27	400	1460	1	*1
30	46.3	44	30	400	1510	1	*1
32	48.8	44	32	400	1530	1	*1
33	50	44	32	400	1530	1	*1
36	53.8	44	32	400	2180	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➔P242-243

16106

Bit Holder
Klingenhalter
Porte-embout



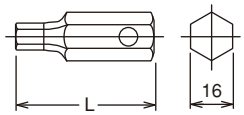
	D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
16106	32	44	52	370	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

Replacement Screw : M6×10, ⬢ 3mm
Ersatzschraube : M6×10, ⬢ 3mm
Vis de remplacement : M6×10, ⬢ 3mm

107-16

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux

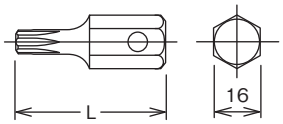


107-16 (mm)	L (mm)	(g)	(pcs.)
10	40	46	10
12	40	52	10
13	40	56	10
14	40	60	10
16	40	69	10
17	40	73	10
18	40	78	10
19	40	80	10
22	40	97	10

107-16 (inch)	L (mm)	(g)	(pcs.)
1/2	40	56	10
9/16	40	60	10
5/8	40	69	10
3/4	40	80	10

107-16 (T)

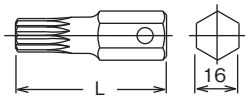
TORX® Bits
TORX® Klingen
Embouts, TORX®



107-16 (T)	L (mm)	(g)	(pcs.)
T55	50	57	10
T60	50	64	10
T70	50	73	10

107-16 (XZN)

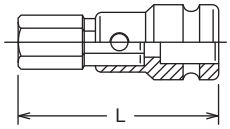
Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-16 (XZN)	L (mm)	(g)	(pcs.)
M14	60	83	10
M16	60	93	10
M18	60	103	10

16106-16

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embout avec bit



16106-16 (mm)	L (mm)	(g)	(pce.)	
10	76	416	1	*1
12	76	422	1	*1
13	76	426	1	*1
14	76	430	1	*1
16	76	439	1	*1
17	76	443	1	*1
18	76	448	1	*1
19	76	450	1	*1
22	76	473	1	*1

16106-16 (inch)	L (mm)	(g)	(pce.)	
1/2	76	426	1	*1
9/16	76	430	1	*1
5/8	76	439	1	*1
3/4	76	450	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

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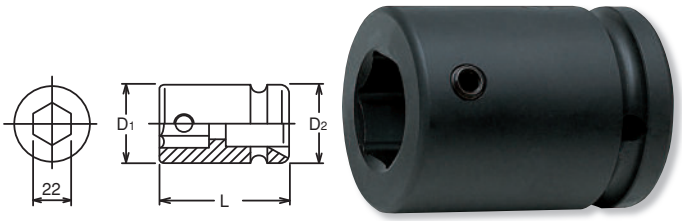
16107

Bit Holder
Klingenhalter
Porte embouts

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
16107	44	44	60	530	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➔P242-243

Replacement Screw : M8×14, ⬢ 4mm
Ersatzschraube : M8×14, ⬢ 4mm
Vis de remplacement : M8×14, ⬢ 4mm

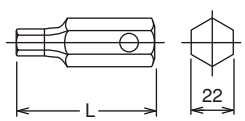


107-22

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux

107-22 (mm)	L (mm)	(g)	(pcs.)
17	50	120	10
19	50	140	10
22	50	162	10
24	50	176	10
27	50	200	10
30	50	227	10
32	55	243	10

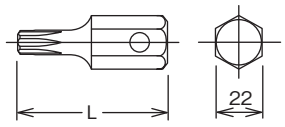
107-22 (inch)	L (mm)	(g)	(pcs.)
5/8	50	120	10
3/4	50	140	10
7/8	50	162	10
1	50	190	10
1. 1/4	55	243	10



107-22 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

107-22 (T)	L (mm)	(g)	(pcs.)
T 80	60	141	10
T 90	60	155	10
T100	60	170	10

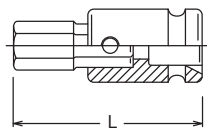


16107-22

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit

16107-22 (mm)	L (mm)	(g)	(pce.)	
19	88	670	1	*1
22	88	692	1	*1
24	88	706	1	*1
27	88	730	1	*1
30	88	757	1	*1
32	93	783	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➔P242-243



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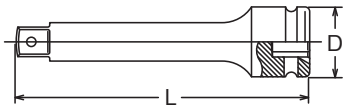
16760-150/-175/-200/-250/-330

Extension Bars
Verlängerungen
Rallonges

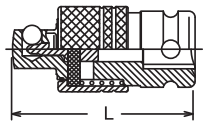


16760	D (mm)	L (mm)	(g)	(pce.)	
150	44	150	775	1	*1
175	44	175	870	1	*1
200	44	200	955	1	*1
250	44	250	1150	1	*1
330	44	330	1460	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16666AL

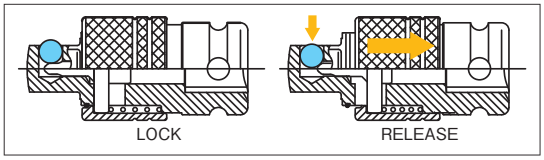
Adaptor (Quick Release)
Verbindungsstück (Quick Release)
Adaptateur (Quick Release)



	L (mm)	(g)	(pcs.)	
16666AL	75	660	2	*1

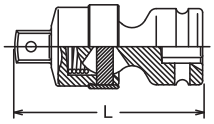
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

Lock & Quick Release



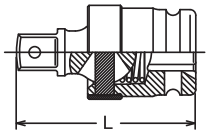
16770

Universal Joint
Gelenk-Einsatz
Cardan universel



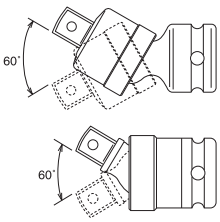
16771

Universal Joint
Gelenk-Einsatz
Cardan universel



	L (mm)	(g)	(pce.)	
16770	106	790	1	*1
16771	95	720	1	*1

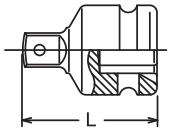
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243



16644A-P
16655A

Adaptors
Verbindungsstücke
Réducteurs

No Warranty
Keine Garantie
Sans Garantie



	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
16644A-P	3/4"	1/2"	52	310	1	*1

	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
16655A	3/4"	5/8"	55.5	336	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

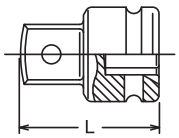
⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d’appliquer aux articles marqués ⚠ des couples de serrage susceptibles d’occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d’une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

16688A

Adaptor
Verbindungsstück
Augmentateur



	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
16688A	3/4"	1"	62	435	1	*1
16688A-250	3/4"	1"	250	1400	1	*1
16688A-330	3/4"	1"	330	1880	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➡P242-243

16201M-00 / 16201A-00

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

16201M-00	13 Pieces Set/⚖=6,800g
METAL CASE:W320×H110×T70mm	
Sockets	
16400M 6-pt. Sockets 19, 21, 22, 23, 24, 26, 27, 30, 32, 33, 36, 38, 41	

16201A-00	11 Pieces Set/⚖=6,000g
METAL CASE:W290×H124×T69mm	
Sockets	
16400A 6-pt. Sockets 3/4, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2	

16201M-01 / 16201A-01

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

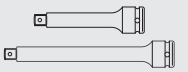
thin

16201M-01	13 Pieces Set/⚖=6,000g
METAL CASE:W320×H110×T70mm	
Sockets	
16401M 6-pt. Sockets, Thin-walled 19, 21, 22, 23, 24, 26, 27, 30, 32, 33, 36, 38, 41	

16201A-01	11 Pieces Set/⚖=5,400g
METAL CASE:W320×H110×T70mm	
Sockets	
16401A 6-pt. Sockets, Thin-walled 3/4, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2	

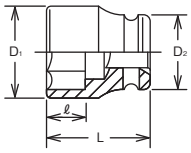
16245M

Socket Sets
Steckschlüssel Sätze
Jeux de clés à douilles

16245M	17 Pieces Set/⚖=12,000g	
METAL CASE:W580×H200×T85mm		
Sockets	Accessories	
16400M 6-pt. Sockets 19, 21, 22, 24, 27, 29, 30, 32, 33, 35, 36, 38, 41, 46, 50		**16760-175** **16760-330**

18400M / 18400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



18400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	32.8	54	12	57	579	2	*1
18	34	54	13	57	580	2	*1
19	35.3	54	13	57	590	2	*1
21	37.8	54	15	57	605	2	*1
22	39	54	15	57	620	2	*1
23	40.3	54	16	57	615	2	*1
24	41.5	54	16	57	627	2	*1
25	42.8	54	16	57	620	2	*1
26	44	54	16	57	640	2	*1
27	45.3	54	16	57	627	2	*1
28	46.5	54	16	57	640	2	*1
29	47.8	54	18	57	657	2	*1
30	49	54	21	62	657	2	*1
31	50.3	54	21	62	687	2	*1
32	51.5	54	21	62	685	2	*1
33	52.8	54	21	62	685	2	*1
34	54	54	21	62	690	2	*1
35	55.3	54	21	62	710	2	*1
36	56.5	54	21	62	712	2	*1
37	57.8	54	21	62	735	2	*1
38	59	54	25	66	720	2	*1
40	61.5	54	25	66	850	2	*1
41	62.8	54	25	66	850	2	*1
42	64	54	25	66	905	2	*1
43	65.3	54	27	68	977	2	*1
44	66.5	54	27	68	970	2	*1
45	67.8	54	27	68	963	2	*1
46	69	54	29	70	1010	2	*1
47	70.3	54	36	70	997	2	*1
48	71.5	54	35	70	990	2	*1
50	74	54	35	70	1065	2	*1
52	76.5	54	40	75	1185	2	*1
54	79	54	40	75	1252	2	*1
55	80.3	54	39	75	1260	2	*1
56	81.5	54	39	75	1277	2	*1
58	84	54	39	75	1340	2	*1
60	86.5	54	39	75	1400	2	*1
62	89	54	38	75	1410	2	*1
63	90.3	54	38	75	1383	2	*1
65	92.8	54	38	75	1630	2	*1
67	95.3	54	38	75	1580	2	*1
68	96.5	54	37	75	1583	1	*1
70	99	54	37	75	1625	1	*1
75	105.3	86	37	80	2675	1	*2
80	111.5	86	41	85	2996	1	*2
85	117.8	86	37	90	3378	1	*2
90	124	86	40	95	3871	1	*2
95	130.3	86	43	100	4500	1	*2
New **100**	136.5	86	47	105	5000	1	*2

*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B
→P242-243

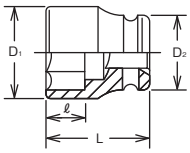
18400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
11/16	32.8	54	12	57	579	2	*1
3/4	35.3	54	13	57	590	2	*1
13/16	37.8	54	15	57	605	2	*1
7/8	39	54	15	57	620	2	*1
15/16	41.5	54	16	57	627	2	*1
1	42.8	54	16	57	620	2	*1
1. 1/16	45.3	54	16	57	627	2	*1
1. 1/8	47.8	54	18	57	657	2	*1
1. 3/16	49	54	21	62	657	2	*1
1. 1/4	51.5	54	21	62	685	2	*1
1. 5/16	54	54	21	62	690	2	*1
1. 3/8	55.3	54	21	62	710	2	*1
1. 7/16	57.8	54	21	62	735	2	*1
1. 1/2	59	54	25	66	720	2	*1
1. 9/16	61.5	54	25	66	850	2	*1
1. 5/8	62.8	54	25	66	850	2	*1
1.11/16	65.3	54	27	68	977	2	*1
1. 3/4	67.8	54	27	68	963	2	*1
1.13/16	69	54	29	70	1010	2	*1
1. 7/8	71.5	54	35	70	990	2	*1
1.15/16	72.8	54	35	70	1000	2	*1
2	75.3	54	35	70	1060	2	*1
2. 1/16	76.5	54	40	75	1185	2	*1
2. 1/8	79	54	40	75	1252	2	*1
2. 3/16	80.3	54	39	75	1260	2	*1
2. 1/4	82.8	54	39	75	1337	2	*1
2. 5/16	84	54	39	75	1340	2	*1
2. 3/8	86.5	54	39	75	1400	2	*1
2. 7/16	89	54	38	75	1410	2	*1
2. 1/2	91.5	54	38	75	1498	2	*1
2. 9/16	92.8	54	38	75	1630	2	*1
2. 5/8	95.3	54	38	75	1580	2	*1
2.11/16	96.5	54	37	75	1583	1	*1
2. 3/4	99	54	37	75	1625	1	*1
2.13/16	101.5	86	37	80	2705	1	*2
2. 7/8	102.8	86	38	80	2629	1	*2
2.15/16	105.3	86	37	80	2675	1	*2
3	106.5	86	37	80	2705	1	*2
3. 1/16	109	86	42	85	2967	1	*2
3. 1/8	111.5	86	41	85	2996	1	*2
3. 1/4	115.3	86	44	90	3328	1	*2
3. 3/8	119	86	36	90	3389	1	*2
3. 1/2	124	86	40	95	3871	1	*2

*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B
→P242-243

18401M
18401A

6-point Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince, 6-pans

thin



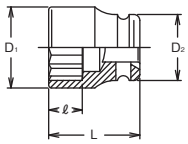
18401M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	29.8	53	12	57	481	2	*1
19	32.3	53	13	57	492	2	*1
21	34.8	53	15	57	512	2	*1
22	36	53	15	57	520	2	*1
24	38.5	53	16	57	520	2	*1
27	42.3	53	16	57	540	2	*1
30	46	53	21	62	572	2	*1
32	48.5	53	21	62	600	2	*1
33	49.8	53	21	62	613	2	*1
35	52.3	53	21	62	630	2	*1
36	53.5	53	21	62	635	2	*1
38	56	53	25	66	705	2	*1
41	59.8	53	25	66	740	2	*1
46	66	53	29	70	900	2	*1
50	71	53	35	70	940	2	*1

18401A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
11/16	29.8	53	12	57	481	2	*1
3/4	32.3	53	13	57	492	2	*1
13/16	34.8	53	15	57	512	2	*1
7/8	36	53	15	57	520	2	*1
15/16	38.5	53	16	57	520	2	*1
1. 1/16	42.3	53	16	57	540	2	*1
1. 3/16	46	53	21	62	572	2	*1
1. 1/4	48.5	53	21	62	600	2	*1
1. 3/8	52.3	53	21	62	630	2	*1
1. 1/2	56	53	25	66	705	2	*1
1. 5/8	59.8	53	25	66	740	2	*1
1.13/16	66	53	29	70	900	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243

18405M / 18405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



18405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
27	45.3	54	16	57	607	2	*1
30	49	54	21	62	657	2	*1
32	51.5	54	21	62	685	2	*1
33	52.8	54	21	62	690	2	*1
35	55.3	54	21	62	690	2	*1
36	56.5	54	21	62	692	2	*1
38	59	54	25	66	700	2	*1
40	61.5	54	25	66	830	2	*1
New **41**	62.8	54	25	66	905	2	*1
46	69	54	29	70	990	2	*1
50	74	54	35	70	1021	2	*1
55	80.3	54	39	75	1234	2	*1
56	81.5	54	39	75	1250	2	*1
60	86.5	54	39	75	1400	2	*1
65	92.8	54	38	75	1600	2	*1

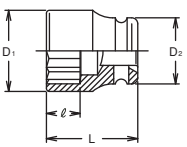
18405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
3/4	35.3	54	13	57	590	2	*1
7/8	39	54	15	57	620	2	*1
1	42.8	54	16	57	620	2	*1
1. 1/8	47.8	54	18	57	660	2	*1
1. 3/16	49	54	21	62	660	2	*1
1. 1/4	51.5	54	21	62	690	2	*1
1. 3/8	55.3	54	21	62	710	2	*1
1. 7/16	57.8	54	21	62	735	2	*1
1. 1/2	59	54	25	66	720	2	*1
1. 3/4	67.8	54	27	68	970	2	*1
1.15/16	72.8	54	35	70	1000	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243

18405M (D)

Sockets for Cardan Shafts
Steckschlüssel für Gelenkwellen
Douilles pour arbres à cardan

No Warranty
Keine Garantie
Sans Garantie



18405M (D) (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
50(D68)	68	54	35	70	890	1	*1
55(D76)	76	54	39	75	1130	1	*1
65(D87)	87	54	38	75	1344	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243

Items in this catalogue marked ⚠ can be loaded to torque values which may cause breakage.In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

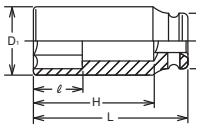
Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

18301X

6-point Semi-Deep Sockets, Thin Walled
6-kant Steckschlüssel mittel lang, dünnwandig
Douilles à paroi mince semi-longues, 6-pans

thin

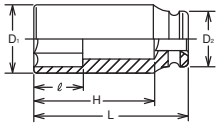


18301X (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
17	29.8	53	17	48	80	635	2	*1
19	32.3	53	19	48	80	655	2	*1
21	34.8	53	21	48	80	680	2	*1
22	36	53	22	48	80	686	2	*1
24	38.5	53	24	48	80	693	2	*1
27	42.3	53	27	48	80	745	2	*1
30	46	53	30	48	80	761	2	*1
32	48.5	53	32	53	85	770	2	*1
33	49.8	53	33	53	85	781	2	*1
35	52.3	53	35	53	85	800	2	*1
36	53.5	53	36	52	85	808	2	*1
38	56	53	38	52	85	865	2	*1
41	59.8	53	38	51	85	937	2	*1
46	66	53	38	50	85	1032	2	*1
50	71	53	55	—	85	1220	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243

18300M / 18300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles 6-pans, longues



18300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
19	35.3	54	19	77	108	1010	2	*1
21	37.8	54	21	77	108	1010	2	*1
22	39	54	22	77	108	1010	2	*1
23	40.3	54	23	77	108	1063	2	*1
24	41.5	54	24	77	108	1060	2	*1
25	42.8	54	25	77	108	1085	2	*1
26	44	54	26	77	108	1133	2	*1
27	45.3	54	27	77	108	1125	2	*1
28	46.5	54	28	77	108	1140	2	*1
29	47.8	54	29	77	108	1120	2	*1
30	49	54	30	77	108	1179	2	*1
31	50.3	54	31	77	108	1125	2	*1
32	51.5	54	32	77	108	1200	2	*1
33	52.8	54	33	77	108	1200	2	*1
34	54	54	34	77	108	1280	2	*1
35	55.3	54	35	77	108	1300	2	*1
36	56.5	54	36	76	108	1280	2	*1
37	57.8	54	37	76	108	1320	2	*1
38	59	54	38	76	108	1423	2	*1
40	61.5	54	38	75	108	1415	2	*1
41	62.8	54	38	75	108	1450	2	*1
42	64	54	38	75	108	1550	2	*1
44	66.5	54	38	74	108	1636	2	*1
45	67.8	54	38	74	108	1660	2	*1
46	69	54	38	74	108	1680	2	*1
48	71.5	54	67	—	108	1500	2	*1
50	74	54	66	—	108	1650	2	*1
52	76.5	54	65	—	108	1770	2	*1
55	80.3	54	63	—	108	1855	2	*1
60	86.5	54	60	—	108	2047	2	*1
65	92.8	54	58	—	108	2310	2	*1
70	99	54	55	—	108	2440	1	*1
75	105.3	86	52	—	108	3646	1	*2
80	111.5	86	49	—	108	4039	1	*2
85	117.8	86	59	—	108	4000	1	*2
90	124	86	57	—	108	4200	1	*2
95	130.3	86	55	—	108	4400	1	*2

*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B ➡P242-243

18300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
11/16	32.8	54	17	77	108	978	2	*1
3/4	35.3	54	19	77	108	1010	2	*1
7/8	39	54	22	77	108	1010	2	*1
15/16	41.5	54	24	77	108	1060	2	*1
1	42.8	54	25	77	108	1085	2	*1
1. 1/16	45.3	54	27	77	108	1125	2	*1
1. 1/8	47.8	54	29	77	108	1120	2	*1
1. 3/16	49	54	30	77	108	1179	2	*1
1. 1/4	51.5	54	32	77	108	1200	2	*1
1. 5/16	54	54	34	77	108	1280	2	*1
1. 3/8	55.3	54	35	77	108	1300	2	*1
1. 7/16	57.8	54	37	76	108	1320	2	*1
1. 1/2	59	54	38	76	108	1423	2	*1
1. 9/16	61.5	54	38	75	108	1415	2	*1
1. 5/8	62.8	54	38	75	108	1450	2	*1
1.11/16	65.3	54	38	74	108	1577	2	*1
1. 3/4	67.8	54	38	74	108	1660	2	*1
1.13/16	69	54	38	74	108	1680	2	*1
1. 7/8	71.5	54	67	—	108	1500	2	*1
1.15/16	72.8	54	67	—	108	1570	2	*1
2	75.3	54	66	—	108	1605	2	*1
2. 1/16	76.5	54	65	—	108	1770	2	*1
2. 1/8	79	54	64	—	108	1812	2	*1
2. 3/16	80.3	54	63	—	108	1855	2	*1
2. 1/4	82.8	54	62	—	108	1916	2	*1
2. 5/16	84	54	61	—	108	1987	2	*1
2. 3/8	86.5	54	60	—	108	2047	2	*1
2. 7/16	89	54	59	—	108	2041	2	*1
2. 1/2	91.5	54	58	—	108	2250	2	*1
2. 9/16	92.8	54	58	—	108	2310	2	*1
2. 5/8	95.3	54	56	—	108	2370	1	*1
2. 3/4	99	54	55	—	108	2440	1	*1
2. 7/8	102.8	86	53	—	108	3600	1	*2
2.15/16	105.3	86	52	—	108	3646	1	*2
3	106.5	86	51	—	108	3677	1	*2
3. 1/16	109	86	50	—	108	3939	1	*2
3. 1/8	111.5	86	49	—	108	4039	1	*2
3. 3/16	112.8	86	48	—	108	4170	1	*2

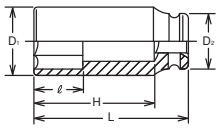
*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B ➡P242-243

18301M
18301A

6-point Deep Sockets, Thin Walled
6-kant Steckschlüssel, dünnwandig
Douilles à paroi mince longues, 6-pans

thin

	18301M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
	17	29.8	53	17	77	108	692	2	*1
New	18	31	53	18	77	108	710	2	*1
	19	32.3	53	19	77	108	725	2	*1
New	20	33.5	53	20	77	108	740	2	*1
	21	34.8	53	21	77	108	750	2	*1
	22	36	53	22	77	108	770	2	*1
	23	37.3	53	23	77	108	780	2	*1
	24	38.5	53	24	77	108	800	2	*1
	26	41	53	26	77	108	830	2	*1
	27	42.3	53	27	77	108	860	2	*1
	29	44.8	53	29	77	108	880	2	*1
	30	46	53	30	77	108	910	2	*1
	32	48.5	53	32	77	108	970	2	*1
	33	49.8	53	33	77	108	980	2	*1
New	34	51	53	34	77	108	980	2	*1
	35	52.3	53	35	77	108	986	2	*1
	36	53.5	53	36	76	108	992	2	*1
	38	56	53	38	76	108	1025	2	*1
	39	57.3	53	38	76	108	1130	2	*1
	41	59.8	53	38	75	108	1213	2	*1
	43	62.3	53	38	74	108	1400	2	*1
	46	66	53	38	74	108	1400	2	*1
	50	71	65	38	—	108	1520	2	*1



	18301A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)	
	11/16	29.8	53	17	77	108	692	2	*1
	3/4	32.3	53	19	77	108	725	2	*1
	13/16	34.8	53	21	77	108	750	2	*1
	7/8	36	53	22	77	108	770	2	*1
	15/16	38.5	53	24	77	108	800	2	*1
	1. 1/16	42.3	53	27	77	108	860	2	*1
	1. 3/16	46	53	30	77	108	910	2	*1
	1. 1/4	48.5	53	32	77	108	970	2	*1
	1. 3/8	52.3	53	35	77	108	986	2	*1
	1. 1/2	56	53	38	76	108	1025	2	*1
	1. 5/8	59.8	53	38	75	108	1213	2	*1
	1.13/16	66	53	38	74	108	1400	2	*1

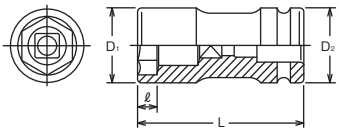
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243

18316M
18316A

Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern
Douilles spéciales pour écrous de roué arrière

	18316M (mm×mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
	35×17	52	54	10	108	1153	1	*1
	38×20	56	54	13	108	1133	1	*1
	41×19	59	54	12	108	1200	1	*1
	41×21	59	54	15	108	1155	1	*1

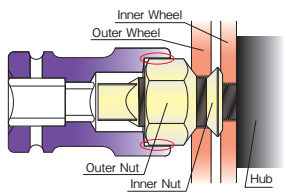
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243



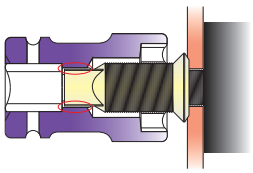
	18316A (inch×inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
	1.1/2×13/16	59	54	13	108	1120	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243

Tightening / Loosening Outer Nut



Tightening / Loosening Inner Nut



PW8P/4
PW8P

Socket set of Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern, im Satz
Jeu de douilles spéciales pour écrous de roué arrière

PW8P/4 — 4 Pieces Set/⚖=4,250g
CARDBOARD BOX:W240×H95×T70mm

Sockets

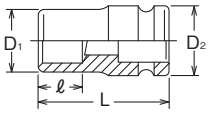
PW8P Impact Rear Wheel Nut Sockets
35×17, 38×20, 41×19, 41×21

	PW8P (mm×mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	Shaft Color	(pcs.)	
	35×17	50	54	13	83	935		5	*1
	38×20	55	54	14	83	1038		5	*1
	41×19	58	54	14	87	1100		5	*1
	41×21	58	54	14	87	1089		5	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243

18317M
18317A

Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern
Douilles spéciales pour écrous de roué arrière



18317M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
17	40	54	22.5	72	682	1	*1
17.5	40	54	22.5	72	677	1	*1
19	43	54	22.5	72	705	1	*1
20	45	54	22.5	72	723	1	*1
20.5	45	54	22.5	72	723	1	*1
21	45	54	22.5	72	703	1	*1
22	45	54	22.5	72	696	1	*1

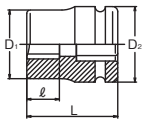
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243

18317A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
13/16	45	54	22.5	72	703	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243

PW8

Rear Wheel Nut Sockets
Steckschlüssel für Hinterradmuttern
Douilles spéciales pour écrous de roué arrière

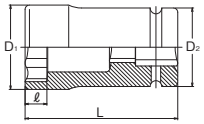


PW8 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	40	54	19	60	621	2	*1
19	43	54	19	60	648	2	*1
20	45	54	21	62	687	2	*1
21	45	54	23	64	696	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243

PW8L

Rear Wheel Nut Socket (long)
Steckschlüssel für Hinterradmuttern, lang
Douilles spéciales pour écrous de roué arrière longue

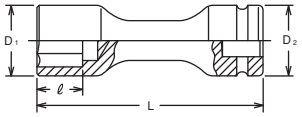


PW8L (mm×mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
41×21	58	54	15	105	1263	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243

18104M

Special Sockets for Spring Clamps
Steckschlüssel für Federbrieden
Douilles pour brides de ressorts



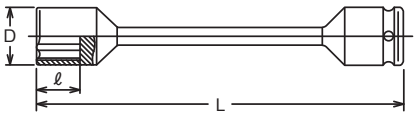
18104M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
24	41.5	54	24	170	1327	1	*1
27	45.3	54	27	170	1375	1	*1
28	46.5	54	28	170	1390	1	*1
30	49	54	30	170	1407	1	*1
32	51.5	54	32	170	1537	1	*1
33	52.8	54	33	170	1590	1	*1
34	54	54	34	170	1670	1	*1
36	56.5	54	36	170	1800	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243

18101M

Torsion Bars (for tightening only)
Torsionsstäbe (nur zum Anziehen)
Barres de torsion (pour serrage seulement)

18101M (mm×Nm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
24×350Nm	43.5	24	300	1380	1	*1
27×350Nm	47	27	300	1401	1	*1
27×450Nm	47	27	300	1579	1	*1
29×400Nm	47.8	29	300	1579	1	*1
30×500Nm	51	30	300	1563	1	*1
32×450Nm	53.5	32	300	1600	1	*1
32×550Nm	53.5	32	300	1602	1	*1
32×600Nm	53.5	32	300	1602	1	*1
32×700Nm	53.5	32	300	1630	1	*1
33×550Nm	55	33	300	1638	1	*1
33×600Nm	55	33	300	1638	1	*1
36×600Nm	58.5	36	300	1718	1	*1



*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243

As the torque could vary with the type and the condition of the impact wrench, we strongly recommend the control with a torque wrench.

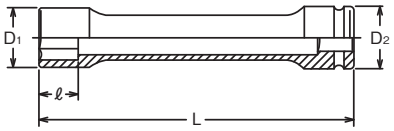
Da die Drehmomentwerte von Art und Leistung des verwendeten Schlagschraubers abhängen, empfehlen wir die Kontrolle der Kombination Schlagschrauber/ Torsionsstab mittels eines Drehmomentschlüssels.

Etant donné que le couple peut varier selon le modèle, la capacité ou l'état de la clé à choc, le contrôle de la combinaison clé à choc/barre par clé dynamométrique est indispensable.

18102M-270/-400

Extra long Sockets for wheel Nuts
Extra lange Steckschlüssel für Radmuttern
Douilles extra-longues pour écrous de roue

18102M-270 (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
23	37.3	54	23	270	1627	1	*1
24	38.5	54	24	270	1628	1	*1
26	41	54	26	270	1667	1	*1
27	42.3	54	27	270	1680	1	*1
29	44.8	54	29	270	1680	1	*1
30	46	54	30	270	1680	1	*1
32	48.5	54	32	270	1680	1	*1
33	49.8	54	32	270	1700	1	*1
34	51	54	32	270	1750	1	*1
36	53.5	54	32	270	1750	1	*1
38	56	54	32	270	1822	1	*1

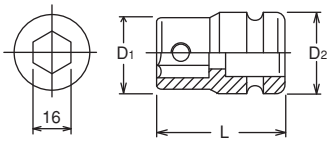


18102M-400 (mm)	D₁ (mm)	D₂ (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
23	37.3	54	23	400	1865	1	*1
24	38.5	54	24	400	1869	1	*1
26	41	54	26	400	1925	1	*1
27	42.3	54	27	400	2272	1	*1
29	44.8	54	29	400	2278	1	*1
30	46	54	30	400	2266	1	*1
32	48.5	54	32	400	2322	1	*1
33	49.8	54	32	400	2320	1	*1
34	51	54	32	400	2341	1	*1
36	53.5	54	32	400	2442	1	*1
38	56	54	32	400	2550	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243

18106

Bit Holder
Klingenhalter
Porte embouts



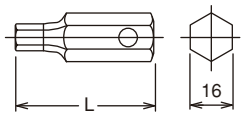
	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
18106	32	54	68	640	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243

Replacement Screw : M6×10, ⬢ 3mm
Ersatzschraube : M6×10, ⬢ 3mm
Vis de remplacement : M6×10, ⬢ 3mm

107-16

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux

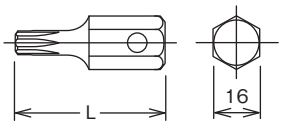


107-16 (mm)	L (mm)	(g)	(pcs.)
10	40	46	10
12	40	52	10
13	40	56	10
14	40	60	10
16	40	69	10
17	40	73	10
18	40	78	10
19	40	80	10
22	40	97	10

107-16 (inch)	L (mm)	(g)	(pcs.)
1/2	40	56	10
9/16	40	60	10
5/8	40	69	10
3/4	40	80	10

107-16 (T)

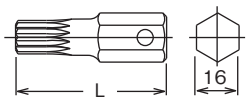
TORX® Bits
TORX® Klingen
Embouts, TORX®



107-16 (T)	L (mm)	(g)	(pcs.)
T55	50	57	10
T60	50	64	10
T70	50	73	10

107-16 (XZN)

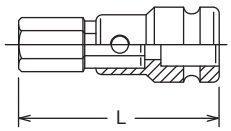
Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-16 (XZN)	L (mm)	(g)	(pcs.)
M14	60	83	10
M16	60	93	10
M18	60	103	10

18106-16

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit



18106-16 (mm)	L (mm)	(g)	(pce.)	
10	92	686	1	*1
12	92	692	1	*1
13	92	696	1	*1
14	92	700	1	*1
16	92	709	1	*1
17	92	713	1	*1
18	92	718	1	*1
19	92	764	1	*1
22	92	781	1	*1

18106-16 (inch)	L (mm)	(g)	(pce.)	
1/2	92	696	1	*1
9/16	92	700	1	*1
5/8	92	709	1	*1
3/4	92	764	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243

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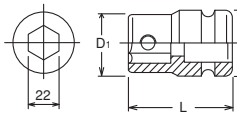
18107

Bit Holder
Klingenhalter
Porte embouts

	D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
18107	44	54	70	770	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243

Replacement Screw : M8×14, ⬢ 4mm
Ersatzschraube : M8×14, ⬢ 4mm
Vis de remplacement : M8×14, ⬢ 4mm

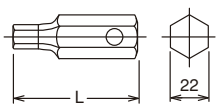


107-22

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux

107-22 (mm)	L (mm)	(g)	(pcs.)
17	50	120	10
19	50	140	10
22	50	162	10
24	50	176	10
27	50	200	10
30	50	227	10
32	55	243	10

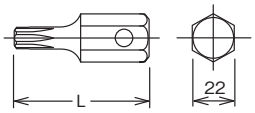
107-22 (inch)	L (mm)	(g)	(pcs.)
5/8	50	120	10
3/4	50	140	10
7/8	50	162	10
1	50	190	10
1. 1/4	55	243	10



107-22 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

107-22 (T)	L (mm)	(g)	(pcs.)
T 80	60	141	10
T 90	60	155	10
T100	60	170	10

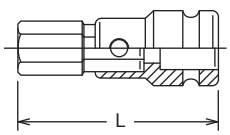


18107-22

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit

18107-22 (mm)	L (mm)	(g)	(pce.)	
19	98	910	1	*1
22	98	932	1	*1
24	98	946	1	*1
27	98	986	1	*1
30	98	1008	1	*1
32	103	1029	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243



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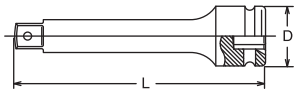
Extension Bars
Verlängerungen
Rallonges

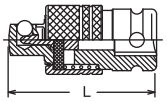


18760	D (mm)	L (mm)	(g)	(pce.)	
175	54	175	1400	1	*1
200	54	200	1580	1	*1
250	54	250	1885	1	*1
330	54	330	2380	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243

18888AL

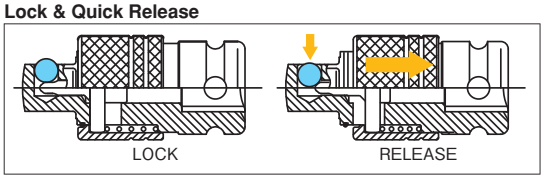
Adaptor (Quick Release)
Verbindungsstück (Quick Release)
Adaptateur (Quick Release)



	L (mm)	(g)	(pcs.)	
18888AL	95	980	2	*1

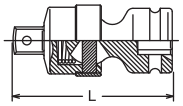
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243

Lock & Quick Release



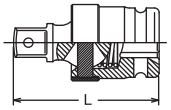
18770

Universal Joint
Gelenk-Einsatz
Cardan universel



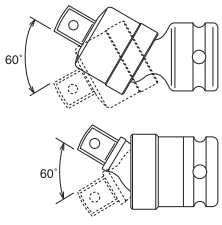
18771

Universal Joint
Gelenk-Einsatz
Cardan universel



	L (mm)	(g)	(pce.)	
18770	127	1210	1	*1
18771	115	1210	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➡P242-243



18866A
18866A-200

Adaptors
Verbindungsstücke
Réducteurs

No Warranty
Keine Garantie
Sans Garantie

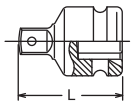
	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
18866A	1"	3/4"	66.5	580	1	*1
18866A-200	1"	3/4"	200	1100	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

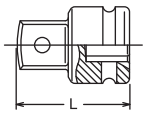


18877A

Adaptor
Verbindungsstück
Augmentateur

	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
18877A	1"	1.1/2"	80	935	1	*1

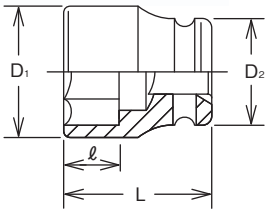
*1 C-Ring=1801C, Pin/O-Ring=1801A/B ➔P242-243



1-1/2”

17400M / 17400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



17400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
41	68	86	22	80	2346	1	*1
42	70	86	22	80	2330	1	*1
46	74	86	26	84	2360	1	*1
50	79	86	27	84	2400	1	*1
52	82	86	38	84	2340	1	*1
54	84	86	38	84	2340	1	*1
55	85	86	44	90	2450	1	*1
58	88	86	44	90	2510	1	*1
60	91	86	43	90	2640	1	*1
65	97	86	48	95	3050	1	*1
70	103	86	52	100	3350	1	*1
75	108	86	56	105	3700	1	*1
80	115	86	60	110	4240	1	*1
85	122	86	60	110	4550	1	*1
90	128	86	60	112	4840	1	*1
95	135	127	52	112	7660	1	*2
100	140	127	53	115	7700	1	*2
105	146	127	57	120	8000	1	*2
110	153	127	60	124	9200	1	*2
115	160	127	62	128	10700	1	*2
120	166	127	64	132	11200	1	*2
125	173	127	67	136	13000	1	*2
130	180	127	69	140	14200	1	*2
135	186	127	73	145	14940	1	*2
140	190	127	76	150	15600	1	*2
150	200	127	83	160	16500	1	*2

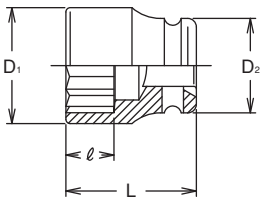
17400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
1. 5/8	68	86	22	80	2346	1	*1
1.11/16	71	86	22	80	2300	1	*1
1. 3/4	73	86	22	80	2290	1	*1
1.13/16	74	86	26	84	2360	1	*1
1. 7/8	77	86	26	84	2440	1	*1
1.15/16	79	86	27	84	2400	1	*1
2	80	86	27	84	2420	1	*1
2. 1/16	82	86	38	84	2340	1	*1
2. 1/8	84	86	38	84	2340	1	*1
2. 3/16	85	86	44	90	2450	1	*1
2. 1/4	87	86	43	90	2460	1	*1
2. 5/16	88	86	44	90	2510	1	*1
2. 3/8	91	86	43	90	2640	1	*1
2. 7/16	93	86	47	95	2860	1	*1
2. 1/2	96	86	47	95	3000	1	*1
2. 9/16	97	86	48	95	3050	1	*1
2. 5/8	100	86	51	100	3300	1	*1
2.11/16	101	86	51	100	3300	1	*1
2. 3/4	103	86	52	100	3350	1	*1
2.13/16	105	86	55	105	3670	1	*1
2. 7/8	106	86	55	105	3610	1	*1
2.15/16	108	86	56	105	3700	1	*1
3	108	86	55	105	3680	1	*1
3. 1/8	115	86	60	110	4240	1	*1
3. 1/4	118	86	59	110	4370	1	*1
3. 3/8	123	86	60	110	4570	1	*1
3. 1/2	128	86	60	112	4840	1	*1
3. 5/8	132	86	52	112	5230	1	*1
3. 3/4	135	127	52	112	7660	1	*2
3. 7/8	140	127	53	115	7700	1	*2
4	146	127	57	120	8000	1	*2
4. 1/8	146	127	57	120	8000	1	*2
4. 1/4	153	127	60	124	9200	1	*2
4. 1/2	160	127	62	128	10700	1	*2
4. 5/8	166	127	64	132	11200	1	*2
4. 3/4	168	127	64	132	11200	1	*2
4. 7/8	173	127	67	136	13000	1	*2
5	180	127	69	140	14200	1	*2
5. 1/4	186	127	73	145	14940	1	*2
6	205	127	88	165	16500	1	*2
6. 1/2	205	127	94	175	17500	1	*2

*1 C-Ring=1700C, Pin/O-Ring=1701A/B
*2 Pin/O-Ring=1702A/B

➡P242-243

17405M / 17405A

12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



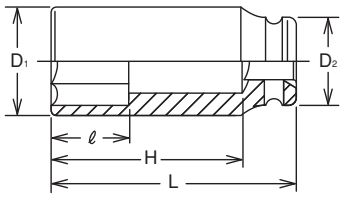
17405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
46	74	86	26	84	2360	1	*1
50	79	86	27	84	2400	1	*1
55	85	86	44	90	2450	1	*1
60	91	86	43	90	2640	1	*1
65	97	86	48	95	3050	1	*1
70	103	86	52	100	3350	1	*1
75	108	86	56	105	3700	1	*1
80	115	86	60	110	4240	1	*1
85	122	86	60	110	4550	1	*1
90	128	86	60	112	4840	1	*1

17405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
1.11/16	71	86	22	80	2300	1	*1
1. 3/4	73	86	22	80	2290	1	*1
1. 7/8	77	86	26	84	2440	1	*1
1.15/16	79	86	27	84	2400	1	*1
2	80	86	27	84	2420	1	*1
2. 1/16	82	86	38	84	2340	1	*1
2. 1/8	84	86	38	84	2340	1	*1
2. 3/16	85	86	44	90	2450	1	*1
2. 1/4	87	86	43	90	2460	1	*1
2. 3/8	91	86	43	90	2640	1	*1
2. 7/16	93	86	47	95	2860	1	*1
2. 1/2	96	86	47	95	3000	1	*1
2. 9/16	97	86	48	95	3050	1	*1
2. 5/8	100	86	51	100	3300	1	*1

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➔P242-243

17300M / 17300A

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans



17300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)	
41	68	86	27	70.5	115	3080	1	*1
42	70	86	27	70.5	115	3140	1	*1
46	74	86	28	80.5	125	3440	1	*1
50	79	86	30	90.5	135	3840	1	*1
54	84	86	30	90.5	135	4160	1	*1
55	85	86	33	90.5	135	4130	1	*1
60	91	86	35	90.5	135	4370	1	*1
65	97	86	38	99.5	145	5260	1	*1
70	103	86	40	98.5	145	5780	1	*1
75	108	86	42	107.5	155	6580	1	*1
80	115	86	46	115.5	165	7740	1	*1
85	122	86	49	114.5	165	7420	1	*1
90	128	86	52	122.5	175	9630	1	*1
95	135	127	55	121.5	175	10450	1	*2
100	140	127	58	130.5	185	9741	1	*2
105	146	127	62	138.5	195	10850	1	*2
110	153	127	65	137.5	195	11500	1	*2
115	160	127	68	135.5	195	12160	1	*2
120	166	127	72	144.5	205	13680	1	*2
125	173	127	74	142.5	205	14450	1	*2
130	180	127	76	142.5	205	15190	1	*2

*1 C-Ring=1700C, Pin/O-Ring=1701A/B
*2 Pin/O-Ring=1702A/B ➔P242-243

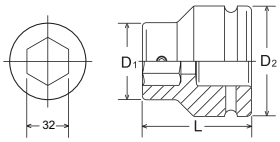
17300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)	
1. 5/8	68	86	27	70.5	115	3080	1	*1
1.11/16	71	86	27	70.5	115	3180	1	*1
1. 3/4	73	86	27	70.5	115	3210	1	*1
1.13/16	74	86	28	80.5	125	3440	1	*1
1. 7/8	77	86	28	80.5	125	3550	1	*1
1.15/16	79	86	28	80.5	125	3590	1	*1
2	80	86	30	90.5	135	3916	1	*1
2. 1/16	82	86	30	90.5	135	4030	1	*1
2. 1/8	84	86	30	90.5	135	4160	1	*1
2. 3/16	85	86	33	90.5	135	4200	1	*1
2. 1/4	87	86	33	90.5	135	4160	1	*1
2. 3/8	91	86	35	90.5	135	4370	1	*1
2. 7/16	93	86	35	90.5	135	4490	1	*1
2. 1/2	96	86	35	90.5	135	4630	1	*1
2. 9/16	97	86	38	99.5	145	5260	1	*1
2. 5/8	100	86	38	99.5	145	5320	1	*1
2.11/16	101	86	38	99.5	145	5670	1	*1
2. 3/4	103	86	40	98.5	145	5780	1	*1
2.13/16	105	86	40	98.5	145	6000	1	*1
2. 7/8	106	86	40	98.5	145	6080	1	*1
2.15/16	108	86	42	107.5	155	6580	1	*1
3	108	86	42	107.5	155	6850	1	*1
3. 1/8	115	86	46	115.5	165	7740	1	*1
3. 3/4	135	127	55	121.5	175	12200	1	*2
3. 7/8	140	127	56	120.5	175	11080	1	*2

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➔P242-243
*2 Pin/O-Ring=1702A/B

1-1/2”

17108

Bit Holder
Klingenhalter
Porte-embouts



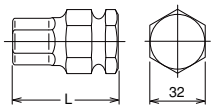
	D1 (mm)	D2 (mm)	L (mm)	(g)	(pce.)	
17108	60	86	85	2200	1	*1

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➡P242-243

Replacement Screw : M8×14, ⬢ 4mm
Ersatzschraube : M8×14, ⬢ 4mm
Vis de remplacement : M8×14, ⬢ 4mm

107-32

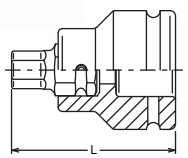
Bit for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans mâle creux



107-32 (mm)	L (mm)	(g)	(pce.)
19	60	300	10
22	60	320	10
24	60	330	10
27	60	360	10
30	60	390	10
32	60	410	10
36	60	460	10

17108-32

Bit Holder complete with Bit
Klingenhalter, komplett mit Klinge
Porte embouts avec bit



17108-32 (mm)	L (mm)	(g)	(pce.)	
19	115	2500	1	*1
22	115	2520	1	*1
24	115	2530	1	*1
27	115	2560	1	*1
30	115	2590	1	*1
32	115	2610	1	*1
36	115	2660	1	*1

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➡P242-243

17760-175/-250/-330

Extension Bars
Verlängerungen
Rallonges

17760	D (mm)	L (mm)	(g)	(pce.)	
175	86	175	3300	1	*1
250	86	250	4500	1	*1
330	86	330	5200	1	*1

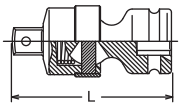
*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➡P242-243

17770

Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pce.)	
17770	200	4700	1	*1

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➡P242-243



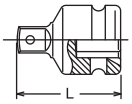
17788A ⚠

Adaptor
Verbindungsstück
Réducteur

No Warranty
Keine Garantie
Sans Garantie

	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
17788A	1.1/2"	1"	98	2600	1	*1

*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➡P242-243



⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

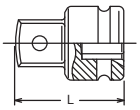
Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

17799A

Adaptor
Verbindungsstück
Augmentateur

	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
17799A	1.1/2"	2.1/2"	115	3790	1	*1

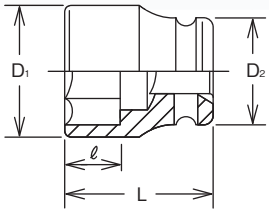
*1 C-Ring=1700C, Pin/O-Ring=1701A/B ➡P242-243



2-1/2”

19400M / 19400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



19400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
50	88	127	39	115	7270	1	*1
55	94	127	42	115	7350	1	*1
60	100	127	45	125	7870	1	*1
65	105	127	48	125	7790	1	*1
70	110	127	51	125	7640	1	*1
75	118	127	54	125	7740	1	*1
80	124	127	57	125	7640	1	*1
85	127	127	61	132	7840	1	*1
90	135	127	64	132	8500	1	*1
95	140	127	71	140	10160	1	*1
100	146	127	71	142	11500	1	*1
105	155	127	74	146	11350	1	*1
110	160	127	76	155	12710	1	*1
115	167	127	78	158	13980	1	*1
120	175	175	79	160	15430	1	*2
125	180	175	82	165	16590	1	*2
130	185	175	85	169	17590	1	*2
135	190	175	89	175	19030	1	*2
140	200	175	93	180	21810	1	*2
145	205	175	95	183	24440	1	*2
150	210	175	97	192	25720	1	*2
160	225	175	102	200	30920	1	*2
165	230	175	105	204	32610	1	*2
170	235	175	106	207	34390	1	*2
175	240	175	109	211	36210	1	*2
180	250	175	110	214	40630	1	*2
185	255	175	113	218	42690	1	*2
190	265	175	113	220	47440	1	*2
200	275	175	116	225	51550	1	*2
210	285	175	123	235	57170	1	*2
215	290	175	126	240	60260	1	*2
225	305	175	133	250	70180	1	*2
235	315	175	140	260	77060	1	*2

19400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
2. 3/8	100	127	45	125	7870	1	*1
2. 7/16	102	127	46	125	7840	1	*1
2. 1/2	103	127	47	125	7810	1	*1
2. 9/16	105	127	48	125	7790	1	*1
2. 5/8	107	127	49	125	7790	1	*1
2.11/16	108	127	50	125	7790	1	*1
2. 3/4	110	127	51	125	7640	1	*1
2.13/16	113	127	52	125	7690	1	*1
2. 7/8	115	127	53	125	7730	1	*1
2.15/16	118	127	54	125	7740	1	*1
3	120	127	55	125	7740	1	*1
3. 1/8	124	127	57	125	7640	1	*1
3. 1/4	125	127	59	125	7740	1	*1
3. 3/8	127	127	61	132	7840	1	*1
3. 1/2	135	127	64	132	8500	1	*1
3. 5/8	138	127	64	132	9330	1	*1
3. 3/4	140	127	71	140	10160	1	*1
3. 7/8	143	127	70	140	10830	1	*1
4	146	127	71	142	11500	1	*1
4. 1/8	155	127	70	142	11250	1	*1
4. 1/4	160	127	76	155	12710	1	*1
4. 1/2	167	127	78	158	13980	1	*1
4. 5/8	175	175	79	160	15430	1	*2
4. 7/8	180	175	82	165	16590	1	*2
5	183	175	81	165	17090	1	*2
5. 1/4	190	175	89	175	19030	1	*2
5. 3/8	198	175	94	180	20880	1	*2
5. 1/2	200	175	93	180	21810	1	*2
5. 5/8	203	175	94	182	22480	1	*2
5. 3/4	207	175	103	192	24440	1	*2
6	217	175	100	196	28510	1	*2
6. 1/8	218	175	99	196	29720	1	*2
6. 5/8	233	175	105	205	33500	1	*2
7	248	175	110	213	39160	1	*2

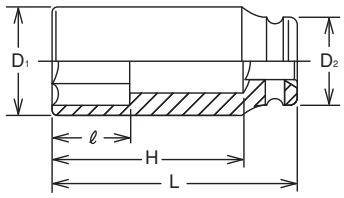
*1 Pin/O-Ring=1901A/B
*2 Pin/O-Ring=1902A/B
➡P243

19300M

6-point Deep Sockets
6-kant-Steckschlüssel,lang
Douilles longues 6-pans

19300M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pce.)	
75	118	127	42	129	190	11930	1	*1
80	124	127	46	129	190	12280	1	*1
85	127	127	49	134	195	12480	1	*1
90	135	127	52	144	205	14000	1	*1
95	140	127	55	149	210	14630	1	*1
100	146	127	58	154	215	15520	1	*1
105	155	127	62	146.5	220	18250	1	*1
110	160	127	65	150.5	225	18740	1	*1
115	167	127	68	153.5	230	20940	1	*1
120	175	175	72	157.5	235	23530	1	*2
125	180	175	74	158.5	238	26110	1	*2
130	185	175	76	163.5	243	25320	1	*2
135	190	175	80	165.5	248	26290	1	*2
140	200	175	82	164.5	248	28940	1	*2
145	205	175	84	163.5	248	29520	1	*2
150	210	175	88	168.5	255	30600	1	*2
155	215	175	92	167.5	255	31680	1	*2
160	225	175	95	170.5	260	35560	1	*2
165	230	175	98	169.5	260	36040	1	*2
170	235	175	100	172.5	265	37230	1	*2
175	240	175	102	176.5	270	39420	1	*2

*1 Pin/O-Ring=1901A/B
*2 Pin/O-Ring=1902A/B
➡P243

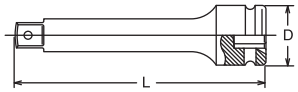


19760-250/-500

Extension Bars
Verlängerungen
Rallonges

19760	D (mm)	L (mm)	(g)	(pce.)	
250	127	250	17800	1	*1
500	127	500	27800	1	*1

*1 Pin/O-Ring=1901A/B
➡P243

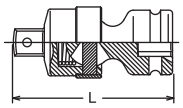


19770

Universal Joint
Gelenk-Einsatz
Cardan universel

	L (mm)	(g)	(pce.)	
19770	303	21360	1	*1

*1 Pin/O-Ring=1901A/B
➡P243



19977A

Adaptor
Verbindungsstück
Réducteur

No Warranty
Keine Garantie
Sans Garantie

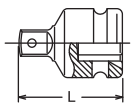
	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
19977A	2.1/2"	1.1/2"	145	7210	1	*1

*1 Pin/O-Ring=1901A/B
➡P243

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

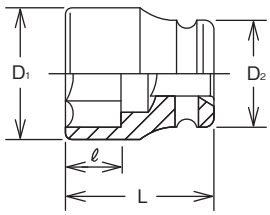
Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.



3-1/2”

10400M / 10400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



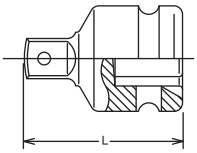
10400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
105	165	175	86	176	19370	1	*1
110	170	175	88	179	20160	1	*1
115	175	175	90	183	21160	1	*1
120	180	175	91	185	21930	1	*1
125	188	175	94	190	23940	1	*1
130	193	175	97	194	25050	1	*1
135	200	175	101	199	26930	1	*1
140	205	175	105	205	28560	1	*1
145	210	200	106	207	29600	1	*2
150	215	200	109	212	31240	1	*2
160	228	200	114	220	35500	1	*2
165	235	200	117	224	37940	1	*2
170	240	200	118	227	39660	1	*2
175	245	200	121	231	41400	1	*2
180	255	200	122	234	45740	1	*2
185	265	200	125	238	50350	1	*2
190	275	200	125	239	54650	1	*2
200	285	200	128	245	59190	1	*2
210	295	200	135	255	64970	1	*2
215	300	200	138	260	68150	1	*2

10400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
4.1/8	165	175	86	176	19370	1	*1
4.1/4	168	175	87	178	19770	1	*1
4.3/8	172	175	88	180	20660	1	*1
4.1/2	175	175	89	182	21160	1	*1
4.5/8	178	175	90	183	21550	1	*1
4.3/4	180	175	91	185	21930	1	*1
4.7/8	188	175	94	190	23940	1	*1
5	188	175	95	191	24500	1	*1
5.1/8	193	175	97	194	25050	1	*1
5.1/4	197	175	100	198	25990	1	*1
5.3/8	201	175	102	202	27750	1	*1
5.1/2	205	175	105	205	28560	1	*1
5.5/8	208	200	106	208	30110	1	*2
5.3/4	212	200	108	210	30610	1	*2
5.7/8	215	200	109	212	31240	1	*2
6	219	200	110	214	32460	1	*2
6.1/8	223	200	112	216	33670	1	*2
6.1/4	227	200	114	218	34590	1	*2
6.3/8	231	200	115	221	36720	1	*2
6.1/2	235	200	117	224	37940	1	*2
6.5/8	238	200	118	226	38800	1	*2
6.3/4	241	200	119	228	39870	1	*2
6.7/8	245	200	120	230	40640	1	*2
7	251	200	121	232	43570	1	*2
7.1/8	257	200	122	234	46450	1	*2
7.1/4	263	200	123	236	48400	1	*2
7.3/8	269	200	124	238	52500	1	*2
7.1/2	275	200	125	240	55350	1	*2
7.5/8	278	200	127	242	56050	1	*2
7.3/4	282	200	129	245	57620	1	*2
7.7/8	285	200	130	248	60870	1	*2
8	290	200	132	250	62550	1	*2
8.1/8	293	200	133	251	63760	1	*2
8.1/4	295	200	135	255	64970	1	*2
8.3/8	298	200	136	258	65580	1	*2
8.1/2	300	200	138	260	68150	1	*2
8.5/8	305	200	139	262	70760	1	*2
8.3/4	310	200	140	264	73830	1	*2
8.7/8	313	200	142	267	75780	1	*2

*1 Pin/O-Ring=2001A/B
*2 Pin/O-Ring=2002A/B
➡P243

10099A

Adaptor
Verbindungsstück
Réducteur



	凹 (sq.)	凸 (sq.)	L (mm)	(g)	(pce.)	
10099A	3.1/2"	2.1/2"	182	16870	1	*1

*1 Pin/O-Ring=2001A/B
➡P243

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

SLEEVE-DRIVE SOCKETS
SLEEVE-DRIVE STECKSCHLÜSSEL
DOUILLES, SLEEVE DRIVE

3/8”

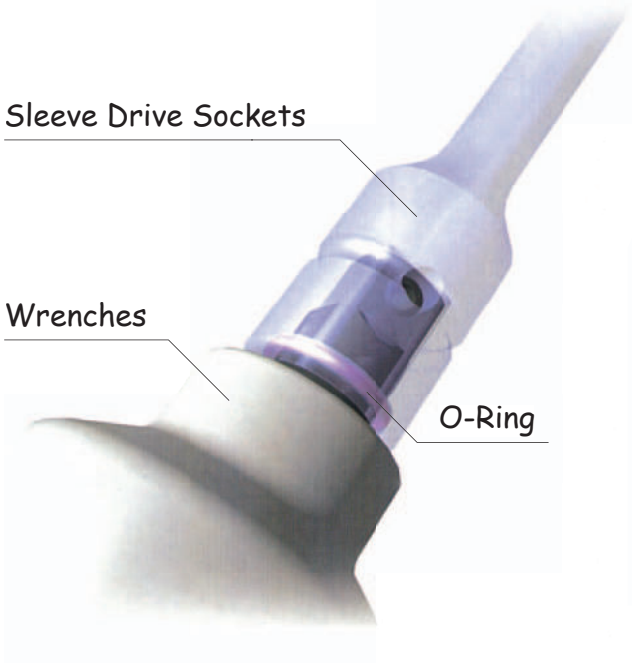
1/2”

3/4”

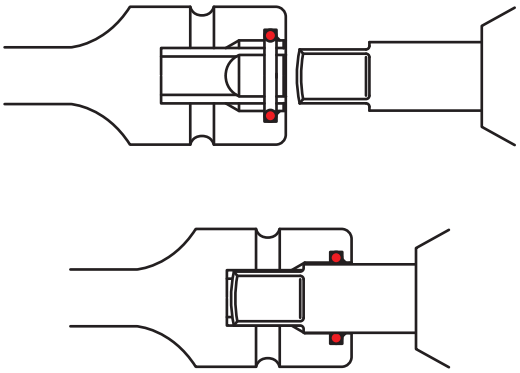
The deepened drive end of the **Sleeve-Drive** tools prevents the sometimes "wobbly" connection between pulse tool - extension - socket. An O-ring inside **Sleeve-Drive** optimizes the perfect fit of extension bars and sockets on the anvil to the effect, that the exactness of the required torque given by the pulse tool is generally improved. Further, the **Sleeve-Drive** avoids the direct transmission of vibrations on the pulse tool and finally on the operator.

Der **Sleeve-Drive** Vierkant-Antrieb vermeidet durch die vertiefte Passung den "Wackelkontakt" zwischen Maschine - Verlängerung - Steckschlüssel. Ein im **Antriebsende der Sleeve-Drive-Steckschlüssel** eingesetzter Ring optimiert den festen Sitz der Verlängerungen und Steckschlüssel auf der Schrauberspindel und sorgt somit für die unmittelbare Weitergabe des vorgegebenen Drehmomentes ohne wesentliche Drehkraftverluste. Nicht zuletzt vermeidet der **Sleeve-Drive** Antrieb die Übertragung von Schwingungen auf Mensch und Maschine.

Ces nouveaux outils **Sleeve-Drive** se caractérisent par un entraînement carré allongé et un joint torique incorporé. Le guidage rigide ainsi obtenu maintient les outils **Sleeve-Drive** dans l'axe de la broche de la machine et garantit une connection optimale machine-rallonges-douilles. Le jeu latéral et les vibrations engendrés par les outils traditionnels sont de ce fait supprimés. Il en résulte une transmission plus précise du coupe de serrage et un plus grand confort de travail pour l'opérateur.



SLEEVE DRIVE SOCKET **PULSE TOOL**

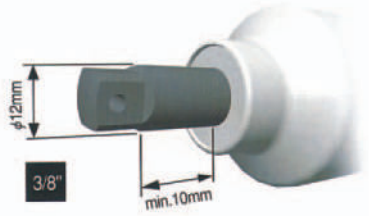


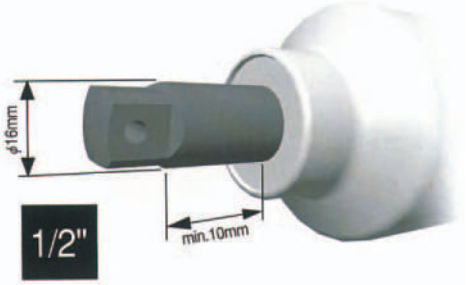
The ***"Sleeve Drive"*** Sockets and accessories are designed for use on Pulse Tools with anvils of certain lengths and diameters as shown hereunder.

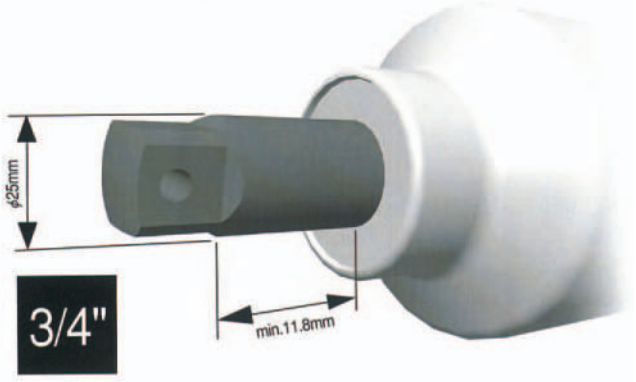
Die serienmässigen ***"Sleeve Drive"*** Steckschlüssel können nur auf Impuls Schraubern mit Antriebswellen der nachstehenden Längen und Durchmesser gesteckt werden.

Les douilles ***"Sleeve Drive"*** ne peuvent être placeés que sur des axes des boulonneuses à impulsions d'une longueur et d'un diamètre selon la spécification ci-dessous.

	Anvil Diameter (mm)	Minimum Anvil Length (mm)
3/8"sq.	12	10
1/2"sq.	16	10
3/4"sq.	25	11.8

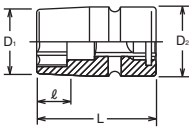






NV13400

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

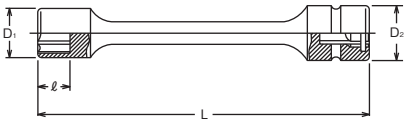


NV13400 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15.8	19	7	43	53	10	*1
11	17	19	8	43	54	10	*1
12	18.3	19	9	43	55	10	*1
13	19.5	22	10	43	80	10	*2
14	20.8	22	10	43	80	10	*2
15	22	22	11	43	81	10	*2
16	23.3	22	11	43	83	10	*2
17	24.5	22	11	43	85	10	*2
18	25.8	22	11	43	89	10	*2
19	27	22	11	43	98	10	*2
21	29.5	22	11	43	105	10	*2
22	30.8	22	11	43	112	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B
➔P242-243

NV13145-100/-150/-200

Extended Sockets
Schaftsteckschlüssel
Douilles rallongées



NV13145-100 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	13	19	6	100	108	10	*1
8	13	19	8	100	110	10	*1
10	15.5	19	10	100	112	10	*1
12	18	19	12	100	120	10	*1
13	19	19	13	100	127	10	*1
14	21	19	14	100	131	10	*1
15	22	19	15	100	133	10	*1
16	24	19	15	100	144	10	*1
17	25	19	15	100	154	10	*1

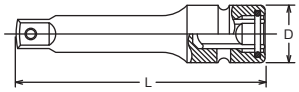
NV13145-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	13	19	6	150	160	10	*1
8	13	19	8	150	160	10	*1
10	15.5	19	10	150	165	10	*1
12	18	19	12	150	168	10	*1
13	19	19	13	150	170	10	*1
14	21	19	14	150	175	10	*1
15	22	19	15	150	177	10	*1
16	24	19	15	150	190	10	*1
17	25	19	15	150	203	10	*1

NV13145-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
6	13	19	6	200	210	10	*1
8	13	19	8	200	210	10	*1
10	15.5	19	10	200	212	10	*1
12	18	19	12	200	214	10	*1
13	19	19	13	200	218	10	*1
14	21	19	14	200	220	10	*1
15	22	19	15	200	226	10	*1
16	24	19	15	200	235	10	*1
17	25	19	15	200	250	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
➔P242-243

NV13760-75P/-125P/-250P

Extension Bars
Verlängerungen
Rallonges

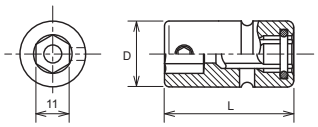


NV13760	D (mm)	L (mm)	(g)	(pcs.)	
75P	19	75	93	10	*1
125P	19	125	147	10	*1
250P	19	250	253	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
➔P242-243

NV13105

Bit Holder
Klingenhalter
Porte-embouts



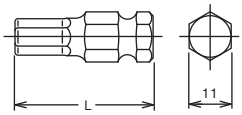
	D (mm)	L (mm)	(g)	(pcs.)	
NV13105	22	43	90	5	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B ➡P242-243

Replacement Screw : M5×6, ⬢ 2.5mm
Ersatzschraube : M5×6, ⬢ 2.5mm
Vis de remplacement : M5×6, ⬢ 2.5mm

107-11

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux



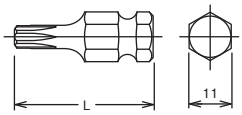
107-11 (mm)	L (mm)	(g)	(pcs.)
3	35	15	10
4	35	16	10
5	35	16	10
6	35	18	10
7	35	19	10
8	35	20	10
10	35	26	10
11	35	28	10
12	35	31	10
14	35	38	10
16	35	47	10
17	35	50	10
18	35	53	10
19	35	56	10

107-11 (inch)	L (mm)	(g)	(pcs.)
3/16	35	15	10
7/32	35	16	10
1/4	35	18	10
5/16	35	20	10
3/8	35	26	10
7/16	35	28	10
1/2	35	38	10
5/8	35	47	10
3/4	35	56	10

107-11(L80) (mm)	L (mm)	(g)	(pcs.)
4	80	54	10
5	80	54	10
6	80	56	10
7	80	57	10
8	80	59	10
10	80	64	10
11	80	66	10
12	80	76	10
14	80	98	10

107-11 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

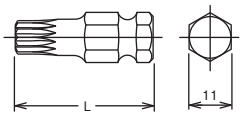


107-11 (T)	L (mm)	(g)	(pcs.)
T25	35	18	10
T30	35	18	10
T40	35	20	10
T45	35	22	10
T50	35	26	10
T55	35	31	10
T60	35	38	10

107-11(L80) (T)	L (mm)	(g)	(pcs.)
T30	80	54	10
T40	80	54	10
T45	80	56	10
T50	80	57	10
T55	80	66	10
T60	80	76	10

107-11 (XZN)

Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-11 (XZN)	L (mm)	(g)	(pcs.)
M 4	35	18	10
M 5	35	20	10
M 6	35	22	10
M 8	35	26	10
M10	35	31	10
M12	35	38	10

107-11(L80) (XZN)	L (mm)	(g)	(pcs.)
M 4	80	54	10
M 5	80	54	10
M 6	80	56	10
M 8	80	57	10
M10	80	66	10
M12	80	76	10
M14	80	80	10

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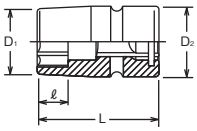
NV14400

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

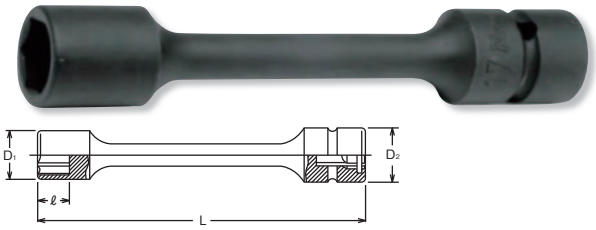


NV14400 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
12	19.5	25	9	54	120	10	*1
13	20.7	25	10	54	120	10	*1
14	22	25	10	54	120	10	*1
15	23.2	30	11	54	188	10	*2
16	24.5	30	11	54	189	10	*2
17	25.7	30	12	54	190	10	*2
18	27	30	12	54	190	10	*2
19	28.2	30	12	54	190	10	*2
21	30.7	30	12	54	191	10	*2
22	32	30	12	54	192	10	*2
23	33.2	30	12	54	196	10	*2
24	34.5	30	12	54	200	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➔P242-243

NV14145-100/-150/-200

Extended Sockets
Schaftsteckschlüssel
Douilles rallongées



NV14145-150 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15.5	25	10	150	200	10	*1
12	18	25	12	150	215	10	*1
13	19	25	13	150	220	10	*1
14	21	25	14	150	225	10	*1
15	22	25	15	150	230	10	*1
16	24	25	15	150	240	10	*1
17	25	25	15	150	250	10	*1
18	26	25	15	150	262	10	*1
19	28	25	15	150	275	10	*1

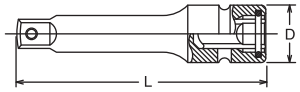
NV14145-200 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15.5	25	10	200	236	10	*1
12	18	25	12	200	250	10	*1
13	19	25	13	200	260	10	*1
14	21	25	14	200	270	10	*1
15	22	25	15	200	275	10	*1
16	24	25	15	200	287	10	*1
17	25	25	15	200	300	10	*1
18	26	25	15	200	310	10	*1
19	28	25	15	200	320	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
➔P242-243

NV14145-100 (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
10	15.5	25	10	100	161	10	*1
12	18	25	12	100	178	10	*1
13	19	25	13	100	175	10	*1
14	21	25	14	100	181	10	*1
15	22	25	15	100	185	10	*1
16	24	25	15	100	193	10	*1
17	25	25	15	100	201	10	*1
18	26	25	15	100	211	10	*1
19	28	25	15	100	221	10	*1

NV14760-75P/-125P/-175P/-250P

Extension Bars
Verlängerungen
Rallonges



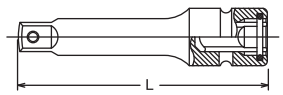
NV14760	D (mm)	L (mm)	(g)	(pcs.)	
75P	25	75	149	10	*1
125P	25	125	230	10	*1
175P	25	175	308	10	*1
250P	25	250	422	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
➔P242-243

NV14433A-75P/-100P/-150P

Adaptors
Verbindungsstücke
Réducteurs

No Warranty
Keine Garantie
Sans Garantie ⚠



NV14433A	□ (mm)	◻ (mm)	L (mm)	(g)	(pce.)	
75P	1/2"	3/8"	75	120	1	*1
100P	1/2"	3/8"	100	145	1	*1
150P	1/2"	3/8"	150	187	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
➔P242-243

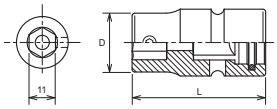
⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

Die mit ⚠ gekennzeichneten Artikel können bei Überbelastung zu Bruch gehen. Aus Gründen Ihrer eigenen Sicherheit sollten die betreffenden Werkzeuge nie ruckartig, sondern nach und nach belastet werden, um Bruch und damit verbundene mögliche Verletzungen zu vermeiden.

Il est possible d'appliquer aux articles marqués ⚠ des couples de serrage susceptibles d'occasionner leur rupture. Pour votre propre sécurité, veuillez toujours appliquer la charge d'une manière uniforme et progressive. Ceci pour éviter ruptures et accidents.

NV14105

Bit Holder
Klingenhalter
Porte-embouts



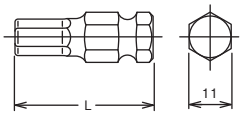
	D (mm)	L (mm)	(g)	(pcs.)	
NV14105	22	43	115	5	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B ➡P242-243

Replacement Screw : M5×6, ⬢ 2.5mm
Ersatzschraube : M5×6, ⬢ 2.5mm
Vis de remplacement : M5×6, ⬢ 2.5mm

107-11

Bits for Inhex Screws
Klingen für Innensechskant-Schrauben
Embouts pour vis 6-pans males creux



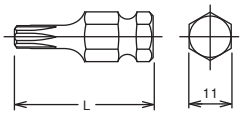
107-11 (mm)	L (mm)	(g)	(pcs.)
3	35	15	10
4	35	16	10
5	35	16	10
6	35	18	10
7	35	19	10
8	35	20	10
10	35	26	10
11	35	28	10
12	35	31	10
14	35	38	10
16	35	47	10
17	35	50	10
18	35	53	10
19	35	56	10

107-11 (inch)	L (mm)	(g)	(pcs.)
3/16	35	15	10
7/32	35	16	10
1/4	35	18	10
5/16	35	20	10
3/8	35	26	10
7/16	35	28	10
1/2	35	38	10
5/8	35	47	10
3/4	35	56	10

107-11(L80) (mm)	L (mm)	(g)	(pcs.)
4	80	54	10
5	80	54	10
6	80	56	10
7	80	57	10
8	80	59	10
10	80	64	10
11	80	66	10
12	80	76	10
14	80	98	10

107-11 (T)

TORX® Bits
TORX® Klingen
Embouts, TORX®

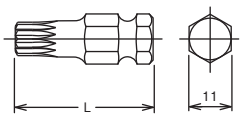


107-11 (T)	L (mm)	(g)	(pcs.)
T25	35	18	10
T30	35	18	10
T40	35	20	10
T45	35	22	10
T50	35	26	10
T55	35	31	10
T60	35	38	10

107-11(L80) (T)	L (mm)	(g)	(pcs.)
T30	80	54	10
T40	80	54	10
T45	80	56	10
T50	80	57	10
T55	80	66	10
T60	80	76	10

107-11 (XZN)

Bits XZN
Klingen XZN
Embouts de vissage, XZN



107-11 (XZN)	L (mm)	(g)	(pcs.)
M 4	35	18	10
M 5	35	20	10
M 6	35	22	10
M 8	35	26	10
M10	35	31	10
M12	35	38	10

107-11(L80) (XZN)	L (mm)	(g)	(pcs.)
M 4	80	54	10
M 5	80	54	10
M 6	80	56	10
M 8	80	57	10
M10	80	66	10
M12	80	76	10
M14	80	80	10

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NV16400

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

NV16400 (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
17	30	44	12	65	448	5	*1
18	31.3	44	13	65	470	5	*1
19	32.5	44	13	65	455	5	*1
21	35	44	15	65	472	5	*1
22	36.3	44	16	65	471	5	*1
23	37.5	44	16	65	471	5	*1
24	38.8	44	16	65	467	5	*1
26	41.3	44	16	65	477	5	*1
27	42.5	44	16	65	473	5	*1
28	43.8	44	16	68	483	5	*1
29	45	44	18	68	492	5	*1
30	46.3	44	18	68	492	5	*1
32	48.8	44	19	70	514	5	*1
33	50	44	20	70	564	5	*1
34	51.3	44	20	70	588	5	*1
35	52.5	44	20	70	593	5	*1
36	53.8	44	20	70	598	5	*1
38	56.3	44	20	72	670	2	*1
41	60	44	22	72	687	2	*1
46	66.3	44	23	77	906	2	*1
50	69	44	23	77	1116	2	*1

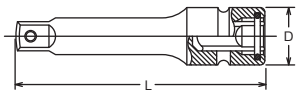
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➔P242-243

NV16760-175/-250/-330

Extension Bars
Verlängerungen
Rallonges

NV16760	D (mm)	L (mm)	(g)	(pce.)	
175	44	175	870	1	*1
250	44	250	1160	1	*1
330	44	330	1460	1	*1

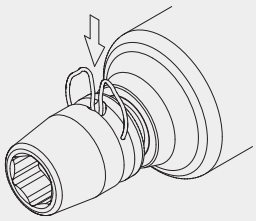
*1 C-Ring=1600C, Pin/O-Ring=1601A/B ➔P242-243

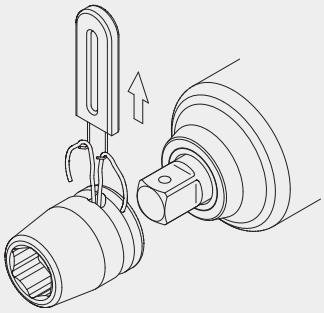


One Piece solid springs steel ring. Simply set by finger pushing and easily removed by puller. Much more convenient and safer than combination of pin and o-ring.

Aus starkem Federstahl, in einem Stück. Bequem, mit einem Fingerdruck einzusetzen und mit dem Auszieher zu lösen. Einfacher und sicherer als die Kombination Stift und Ring.

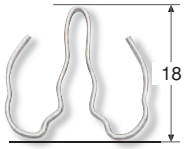
Acier à ressorts, en une pièce. Mise en place d'une simple pression du pouce, enlèvement au moyen de la griffe d'extraction. Beaucoup plus facile et sûr que la combinaison goupille/bague.



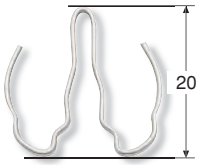


C-Ring

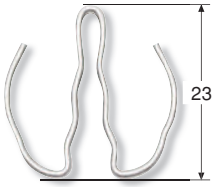
No.	⍁	Opening (mm)	(pcs.)
1301C	3/8"	≦12	100
1302C	3/8"	>12	100
1401C	1/2"	≦14	100
1402C	1/2"	>14	100
1600C	3/4"	≦46	100
1801C	1"	≦70	100
1802C	1"	>70	50
1700C	1-1/2"	≦90	50



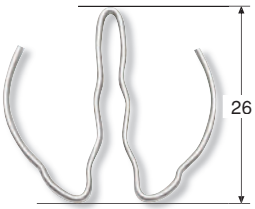
1301C



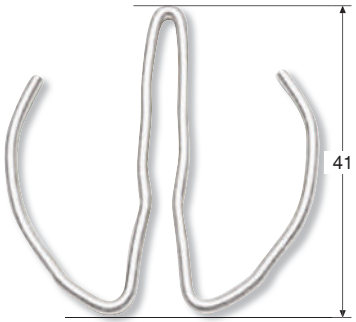
1302C



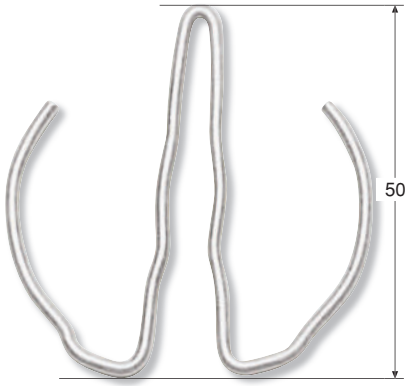
1401C



1402C



1600C



1801C

C-Ring Set

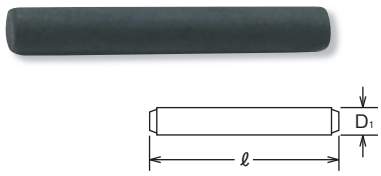
Set No.	⍁	C-Ring 10pcs.	Puller 1pce.
PK1301C	3/8"	1301C	+ 149
PK1302C	3/8"	1302C	+ 149
PK1401C	1/2"	1401C	+ 149
PK1402C	1/2"	1402C	+ 149
PK1600C	3/4"	1600C	+ 152
PK1801C	1"	1801C	+ 152

Puller

No.	⍁		(pcs.)
149	3/8"	1/2"	10
152	3/4"	1"	10

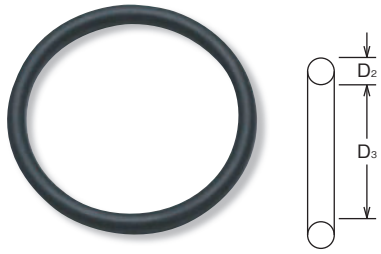
149

152



Pin

No.	⍁	Opening (mm)	D1 (mm)	ℓ (mm)	(pcs.)
1200A	1/4"		1.5	10.2	100
1301A	3/8"	≦ 12	2.5	14.5	100
1302A	3/8"	> 12	2.5	17.5	100
1401A	1/2"	≦ 14	3.5	20	100
1402A	1/2"	> 14	3.5	25	100
1500A	5/8"		4	30	100
1601A	3/4"	≦ 46	5.5	35	100
1602A	3/4"	> 46	5.5	45	100
1801A	1"	≦ 70	6	45	100
1802A	1"	> 70	6	75	50
1701A	1-1/2"	≦ 90	7	75	50
1702A	1-1/2"	> 90	7	110	50
1901A	2-1/2"	≦115	9	110	50
1902A	2-1/2"	>115	9	155	50
2001A	3-1/2"	≦140	13	155	
2002A	3-1/2"	>140	13	180	



O-Ring

No.	⍁	Opening (mm)	D2 (mm)	D3 (mm)	(pcs.)
1200B	1/4"		2.5	9	100
1301B	3/8"	≦ 12	3.5	13	100
1302B	3/8"	> 12	3.5	16	100
1401B	1/2"	≦ 14	4	19	100
1402B	1/2"	> 14	4	24	100
1500B	5/8"		4.5	28	100
1601B	3/4"	≦ 46	5	36	100
1602B	3/4"	> 46	5	45	100
1801B	1"	≦ 70	7	45	100
1802B	1"	> 70	7	75	50
1701B	1-1/2"	≦ 90	10	75	50
1702B	1-1/2"	> 90	10	114	50
1901B	2-1/2"	≦115	10.5	114	50
1902B	2-1/2"	>115	10.5	158	50
2001B	3-1/2"	≦140	15	158	
2002B	3-1/2"	>140	15	183	

IMPACT Standard Sockets	Sq.Dr.	1/4"	3/8"		1/2"		3/4"		1"		1-1/2"	
	C-Ring		1301C	1302C	1401C	1402C	1600C	1801C	1801C	1802C	1700C	
size	O-Ring/Pin	1200A/B	1301A/B	1302A/B	1401A/B	1402A/B	1601A/B	1602A/B	1801A/B	1802A/B	1701A/B	1702A/B
4		●										
4.5	3/16	●										
5		●										
5.5		●										
6	1/4	●	●									
7	9/32	●	●									
8	5/16	●	●		●							
9	11/32	●	●		●							
10	3/8	●	●		●							
11	7/16	●	●		●							
12		●	●		●							
13	1/2	●		●	●							
14	9/16	●		●	●							
15				●		●						
16	5/8			●		●						
17	11/16			●		●	●		●			
18				●		●	●		●			
19	3/4			●		●	●		●			
20				●		●	●		●			
21	13/16			●		●	●		●			
22	7/8			●		●	●		●			
23				●		●	●		●			
24	15/16			●		●	●		●			
25	1					●	●		●			
26						●	●		●			
27	1- 1/16					●	●		●			
28						●	●		●			
29	1- 1/8					●	●		●			
30	1- 3/16					●	●		●			
31						●	●		●			
32	1- 1/4					●	●		●			
33	1- 5/16					●	●		●			
34	1- 3/8					●	●		●			
36						●	●		●			
37	1- 7/16						●		●			
38	1- 1/2						●		●			
39							●		●			
40	1- 9/16						●		●			
41	1- 5/8						●		●		●	
42							●		●		●	
43	1- 11/16						●		●		●	
44							●		●		●	
45	1- 3/4						●		●		●	
46	1- 13/16						●		●		●	
47								●	●		●	
48	1- 7/8							●	●		●	
	1- 15/16							●	●		●	
50								●	●		●	
	2							●	●		●	
52	2- 1/16							●	●		●	
54	2- 1/8							●	●		●	
55	2- 3/16							●	●		●	
56								●	●		●	
	2- 1/4							●	●		●	
58	2- 5/16							●	●		●	
60	2- 3/8							●	●		●	
62	2- 7/16								●		●	
63									●		●	
	2- 1/2								●		●	
65	2- 9/16								●		●	
67	2- 5/8								●		●	
68	2- 11/16								●		●	
70	2- 3/4								●		●	
	2- 13/16									●	●	
	2- 7/8									●	●	
75	2- 15/16									●	●	
	3									●	●	
	3- 1/16									●	●	
80	3- 1/8									●	●	
	3- 1/4									●	●	
85										●	●	
	3- 3/8									●	●	
90	3- 1/2									●	●	
	3- 5/8										●	
95	3- 3/4											●
100	3- 7/8											●
105	4											●
	4- 1/8											●
110	4- 1/4											●
115	4- 1/2											●
120	4- 5/8											●
	4- 3/4											●
125	4- 7/8											●
130	5											●
135	5- 1/4											●
140												●
150												●
	6											●
	6- 1/2											●

SOCKETS WITH TURNABLE PLASTIC PROTECTORS
STECKSCHLÜSSEL MIT DREHBAREN SCHUTZHÜLSEN AUS KUNSTSTOFF
DOUILLES A PROTECTIONS PLASTIFIEES

WITHOUT PROTECTOR

Protector helps to reduce the possibility giving damage on painted, polished and sensitive surfaces. Protector is free rotation designed.

Die Protektoren vermeiden Beschädigungen an lackierten-, polierten- bzw. empfindlichen Oberflächen. Unsere Protektoren sind frei drehbar.

Les protections évitent des endommagements sur des surfaces laquées, polies ou sensibles. Nos protections ont une libre rotation.

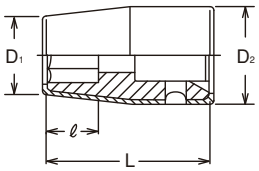
WITH ROTATE PROTECTOR

Protector series are make-to-order manufacturing

13400M-FR

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

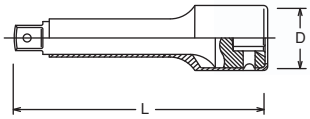
13400M (FR)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)
8FR	15.7	22	6	32	40
10FR	18.2	22	7	32	40
12FR	20.8	22	9	32	43
14FR	23.6	25	10	32	56
13FR	21.8	25	10	32	56
16FR	26.1	25	11	32	57
17FR	27.3	25	12	32	60



13760-125P.FR/-250P.FR

Extension Bars
Verlängerungen
Rallonges

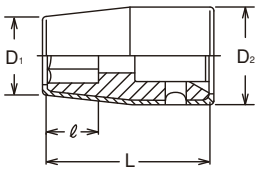
13760 (FR)	D (mm)	L (mm)	(g)
125P.FR	26.2	125	145
250P.FR	26.2	250	220



14400M-FR

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

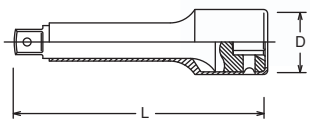
14400M (FR)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)
10FR	19.5	28	7	38	90
12FR	22	28	9	38	90
13FR	23.2	28	10	38	90
14FR	24.8	28	11	38	90
16FR	27	33	10	38	135
17FR	28.2	33	12	38	135
19FR	31	33	13	38	130



14760-125P.FR/-250P.FR

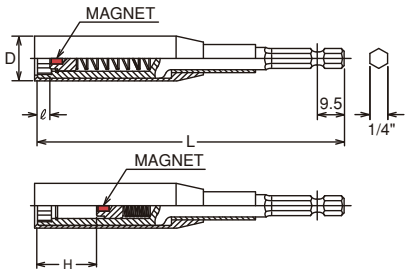
Extension Bars
Verlängerungen
Rallonges

14760 (FR)	D (mm)	L (mm)	(g)
125P.FR	34.2	125	280
250P.FR	34.2	250	480



115G-100FR/-150FR/-200FR

Nut Setters with sliding Magnet
Steckschlüssel Klingen mit versenkbarem Magnet
Embouts avec aimant, glissant pour écrous



115G-100 (FR)	D (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)
8FR	15.1	4	26	100	55
10FR	16.9	4.5	26	100	60
12FR	19.3	6	26	100	80
14FR	21.3	7	24	100	85

115G-150 (FR)	D (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)
8FR	15.1	4	26	150	75
10FR	16.9	4.5	26	150	80
12FR	19.3	6	26	150	100
14FR	21.3	7	24	150	110

115G-200 (FR)	D (mm)	ℓ (mm)	H (mm)	L (mm)	⚖ (g)
8FR	15.1	4	26	200	90
10FR	16.9	4.5	26	200	100
12FR	19.3	6	26	200	125
14FR	21.3	7	24	200	135

REPLACEMENT

Remove a damaged Protector and put a new Protector on socket / Extension bar by pressing.
For your safety, worn out or cracked Protector must be replaced.

AUSTAUSCH

Entfernen Sie defekte Protektoren und ersetzen Sie diese auf Ihrem Steckschlüssel/Verlängerung mittels einer Presse.
Bitte tauschen Sie zu Ihrer Sicherheit verschlissene Protektoren aus !

REMPLACEMENT

Retirez les protections défectueuses, remplacez celles-ci et fixez-les sur les douilles/rallonges à l'aide d'une presse.
Pour votre sécurité remplacez toute protection défectueuse.

Specifications or design of any product in this catalogue are subject to change without notice.
Wir behalten uns das Recht vor, jedes in diesem Katalog gezeigte Werkzeug, auch ohne vorherige Ankündigung, in Ausführung und Design ändern zu dürfen.
Nous nous réservons le droit de modifier les modèles et les dimensions des outils présentés dans ce catalogue et ce sans autre notification préalable.

INDUSTRIAL SOCKETS

STECKSCHLÜSSEL, INDUSTRIE-AUSFÜHRUNG

CLES A DOUILLES, FINISSAGE INDUSTRIEL

1/4”

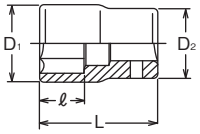
3/8”

1/2”

1/4”

22400M

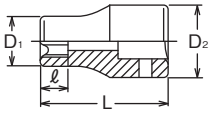
6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans



22400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
6	9.2	11.2	5.5	22	9	10
7	10.3	11.2	6	22	9	10
8	11.2	11.7	6.9	22	11	10
10	14.3	12.9	7.7	22	15	10
12	16.8	15.5	9.3	22	23	10
13	18	16.4	9.8	22	23	10

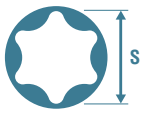
22425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



22425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 4	5.4	11.2	4.6	22	7	10
E 5	6.7	11.2	5.2	22	8	10
E 6	7.7	11.2	5.4	22	8	10
E 7	8.3	11.2	6.6	22	9	10
E 8	9.6	11.2	7	22	9	10
E10	11.3	12	8.2	22	10	10

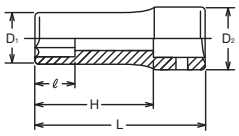
TORX®
(E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S	(ref. mm)	3.83	4.72	5.69	6.17	7.47	9.37	10.03	11.12	12.85	14.71	16.64	18.41	20.24	22.10	23.85	25.65

22300M / 22300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans



22300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
7	10.3	11.2	8	40	50	24	10
8	11.2	11.7	9	40	50	28	10
10	14.3	12.9	11	39	50	33	10
12	16.8	15.5	13	39	50	50	10
13	18	16.4	14	39	50	50	10

22300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
1/4	9.6	11.2	7	40	50	24	10
5/16	11.2	11.7	9	40	50	28	10
3/8	13.7	12.5	11	40	50	33	10

Industrial sockets are thin walled sockets and to be used on electric or pneumatic nut runners for assembly work only.

Bei den Industrial Steckschlüsseln handelt es sich um dünnwandige Werkzeuge, die ausschliesslich auf pneumatischen und elektrischen Drehschraubern (nicht schlagend) verwendet werden dürfen.

Les douilles Industrial à paroi mince ne doivent être utilisées que sur des vis à fixer par visseuses (non-chocs).

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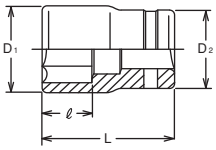
3/8”

23400M / 23400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

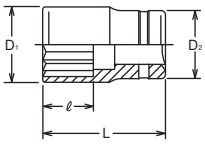


	23400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**6**	9.9	17.3	6	26	20	10
New	**7**	10.8	17.3	6.5	26	20	10
	8	12	17.3	6.9	26	22	10
	10	14.5	17.3	8	26	24	10
	11	15.8	17.3	9.3	26	25	10
	12	16.8	17.3	9	26	25	10
	13	18	17	9.4	26	24	10
	14	19.5	18.5	11	27	31	10
	15	21	19.5	11.5	28	39	10
	16	22	20	12	28	42	10
	17	23.5	21.5	12.5	29	51	10
	18	24.6	22.5	13	30	51	10
	19	26	23.5	13.5	30	53	10
New	**21**	28	26	14.5	32	77	10

23400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
5/16	12	17.3	6.9	26	22	10
3/8	13.9	17.3	8	26	22	10
7/16	15.8	17.3	9.3	26	25	10
1/2	18	17	9.4	26	24	10
9/16	19.5	18.5	11	27	31	10
11/16	24.6	22.5	13	30	51	10
3/4	26	23.5	13.5	30	63	10

23405M

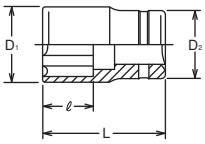
12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



	23405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**8**	12	17.3	6.9	26	22	10
New	**10**	14.5	17.3	8	26	24	10
New	**12**	16.8	17.3	9	26	25	10
New	**14**	19.5	18.5	11	27	31	10

23410M

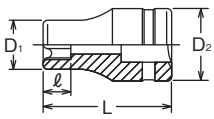
Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



	23410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**8**	12	17.3	6.9	26	22	10
New	**10**	14.5	17.3	8	26	24	10
New	**12**	16.8	17.3	9	26	25	10
New	**13**	18	17	9.4	26	24	10
New	**14**	19.5	18.5	11	27	31	10
New	**15**	21	19.5	11.5	28	39	10
New	**16**	22	20	12	28	42	10
New	**17**	23.5	21.5	12.5	29	51	10
New	**18**	24.6	22.5	13	30	51	10
New	**19**	26	23.5	13.5	30	53	10

23425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



23425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E 5	7	17.3	5.2	26	20	10
E 6	8.3	17.3	5.4	26	21	10
E 7	8.9	17.3	6.6	26	22	10
E 8	9.9	17.3	7	26	23	10
E10	12	17.3	8.2	26	24	10
E11	13.3	17.3	8.7	26	25	10
E12	14.5	17.3	9.3	26	26	10
E14	15.8	17.3	10.6	26	27	10
E16	18	17	11.8	26	27	10

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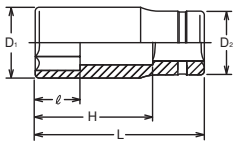
3/8”

23300M / 23300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans

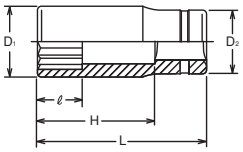


23300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
8	12	17.4	9	41.5	55	45	10
10	14.5	17.4	11	41.5	55	52	10
11	16	17.2	12	41.5	55	55	10
12	16.8	17.2	13	41.5	55	58	10
13	18	17	14	41.5	55	57	10
14	20	18	16	41.5	55	68	10
15	21	20	16	40.5	55	78	10
16	22	20	17	40.5	55	79	10
17	23.5	22	18	40.5	55	96	10
18	24.5	23	19	39.5	55	96	10
19	25	24	20	39.5	55	102	10

23300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
5/16	12	17.4	9	41.5	55	45	10
3/8	14	17.4	11	41.5	55	51	10
7/16	16	17.2	12	41.5	55	55	10
1/2	18	17	14	41.5	55	57	10
9/16	20	18	16	41.5	55	68	10
11/16	23.5	22	18	40.5	55	96	10
3/4	25	24	20	39.5	55	102	10

23305M

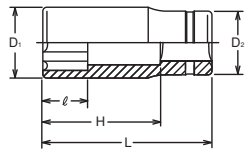
12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues 12-pans



	23305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**8**	12	17.4	9	41.5	55	45	10
New	**10**	14.5	17.4	11	41.5	55	52	10
New	**12**	16.8	17.2	13	41.5	55	58	10
New	**14**	20	18	16	41.5	55	68	10

23310M

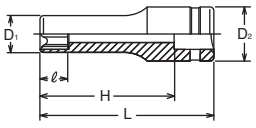
Surface Drive Sockets, deep
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



	23310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**8**	12	17.4	9	41.5	55	45	10
New	**10**	14.5	17.4	11	41.5	55	52	10
New	**12**	16.8	17.2	13	41.5	55	58	10
New	**13**	18	17	14	41.5	55	57	10
New	**14**	20	18	16	41.5	55	68	10
New	**15**	21	20	16	40.5	55	80	10
New	**17**	23.5	22	18	40.5	55	96	10

23325

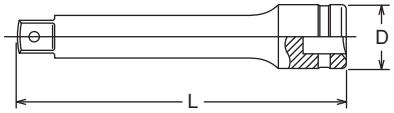
TORX® Deep Sockets
TORX® Steckschlüssel, lang
Douilles longues TORX®



23325 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
E 5	6.9	17.4	5.2	41.5	55	50	10
E 6	7.9	17.4	5.4	41.5	55	52	10
E 7	8.9	17.4	6.6	41.5	55	55	10
E 8	9.9	17.4	7	41.5	55	58	10
E10	11.8	17.2	8.2	41.5	55	60	10
E12	14.5	17.2	9.3	41.5	55	68	10
E14	15.7	17.2	10.6	41.5	55	77	10
E16	18	17	11.8	41.5	55	80	10

23760-75P/-125P/-250P

Extension Bars
Verlängerungen
Rallonges



	23760	D (mm)	L (mm)	(g)	(pcs.)
New	**75P**	18	75	70	10
New	**125P**	18	125	110	10
New	**250P**	18	250	200	5

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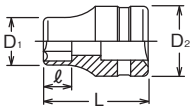
24400M / 24400A

6-point Sockets
6-kant Steckschlüssel
Douilles 6-pans

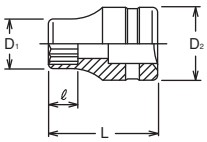


24400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10	15.3	21	9	37	45	10
11	16.5	21	9.5	37	46	10
12	17.8	21	10	37	47	10
13	19	22	10.5	37	53	10
14	20.3	22	11	37	56	10
15	21.5	22	11.5	37	52	10
16	22.8	22	12	37	62	10
17	24.1	23	12.5	37	69	10
18	25.1	24	13	37	74	10
19	26.6	25	14	38	89	10
20	27.9	26	15	38	92	10
21	29.1	27	15.5	38	102	10
22	30.1	28	16	40	113	10
23	31.5	29	16.5	40	128	10
24	32.9	30	17	42	140	5
26	35	32	19	42	165	5
27	36.5	33	19.5	43	196	5
29	39	35	20.5	43	190	5
30	40	36	22	46	222	5
32	42.8	38	23	46	250	5

24400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
7/16	16.5	21	9.5	37	46	10
1/2	19	22	10.5	37	53	10
9/16	20.3	22	11	37	56	10
5/8	22.9	22	12	37	62	10
3/4	26.6	25	14	38	89	10
15/16	32.9	30	17	42	140	10

24405M

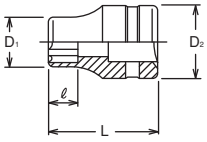
12-point Sockets
12-kant Steckschlüssel
Douilles 12-pans



	24405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**10**	15.3	21	9	37	45	10
New	**12**	17.8	21	10	37	47	10
New	**14**	20.3	22	11	37	56	10
New	**17**	24.1	23	12.5	37	69	10
New	**19**	26.6	25	14	38	89	10

24410M

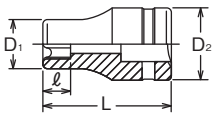
Surface Drive Sockets
Surface Drive Steckschlüssel
Douilles, Surface Drive



	24410M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
New	**10**	15.3	21	9	37	45	10
New	**12**	17.8	21	10	37	47	10
New	**13**	19	22	10.5	37	53	10
New	**14**	20.3	22	11	37	56	10
New	**15**	21.5	22	11.5	37	52	10
New	**16**	22.8	22	12	37	62	10
New	**17**	24.1	23	12.5	37	69	10
New	**18**	25.1	24	13	37	74	10
New	**19**	26.6	25	14	38	89	10
New	**21**	29.1	27	15.5	38	102	10
New	**22**	30.1	28	16	40	113	10
New	**24**	32.9	30	17	42	140	10

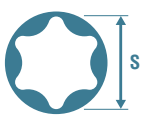
24425

TORX® Sockets
TORX® Steckschlüssel
Douilles TORX®



24425 (E)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
E10	13.2	21	8.2	36	68	10
E12	14.6	21	9.3	37	70	10
E14	16.5	21	10.6	37	75	10
E16	19	21.9	11.8	37	80	10
E18	20.3	21.9	13	37	83	10
E20	22.9	22	14.4	37	121	10

TORX®
(E)



E		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20	E22	E24	E26	E28
S	(ref. mm)	3.83	4.72	5.69	6.17	7.47	9.37	10.03	11.12	12.85	14.71	16.64	18.41	20.24	22.10	23.85	25.65

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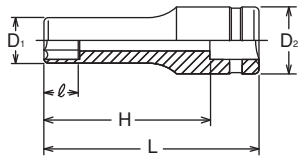
24300M / 24300A

6-point Sockets, deep
6-kant Steckschlüssel, lang
Douilles longues, 6-pans

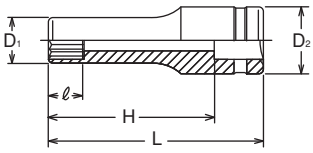


	24300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
	10	15.3	21	11	59	77	91	10
	11	16.5	21	12	59	77	95	10
	12	17.8	21	13	59	77	99	10
	13	19	21.8	14	59	77	107	10
	14	20.3	21.8	16	59	77	118	10
	15	21.5	21.8	16	59	77	123	10
	16	22.8	22	17	59	77	141	10
	17	24	23	18	59	77	150	10
	18	25	24	19	59	77	164	10
	19	26.5	25	20	58	77	177	10
	20	27.8	26	21	58	77	178	10
	21	29	27	23	58	77	187	10
	22	30	28	27	57	77	202	10
	24	32.8	30	27	57	77	252	10
New	**27**	36.5	33	28	56	77	303	10
New	**30**	40	36	34	55	77	342	10
New	**32**	42.8	38	34	55	77	405	10

24300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
7/16	16.5	21	12	59	77	95	10
1/2	19	21.8	14	59	77	107	10
9/16	20.3	21.8	15	59	77	118	10
5/8	22.8	22	17	59	77	141	10
21/32	24	23	18	59	77	150	10
11/16	25	24	19	59	77	164	10
3/4	26.5	25	20	58	77	177	10
13/16	29	27	23	58	77	187	10
15/16	32.8	30	27	57	77	252	10

24305M

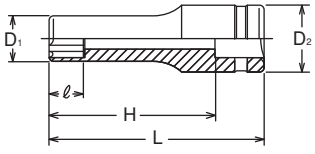
12-point Deep Sockets
12-kant Steckschlüssel,lang
Douilles longues 12-pans



	24305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**10**	15.3	21	11	59	77	91	10
New	**12**	17.8	21	13	59	77	99	10
New	**14**	20.3	21.8	16	59	77	118	10
New	**17**	24	23	18	59	77	150	10
New	**19**	26.5	25	20	58	77	177	10

24310M

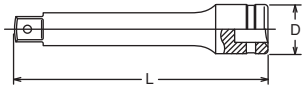
Surface Drive Sockets, deep
Surface Drive Steckschlüssel, lang
Douilles longues, Surface Drive



	24310M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	H (mm)	L (mm)	(g)	(pcs.)
New	**10**	15.3	21	11	59	77	91	10
New	**12**	17.8	21	13	59	77	99	10
New	**13**	19	21.8	14	59	77	107	10
New	**14**	20.3	21.8	16	59	77	118	10
New	**15**	21.5	21.8	16	59	77	123	10
New	**16**	22.8	22	17	59	77	141	10
New	**17**	24	23	18	59	77	150	10
New	**18**	25	24	19	59	77	160	10
New	**19**	26.5	25	20	58	77	177	10
New	**21**	29	27	23	58	77	187	10
New	**22**	30	28	27	57	77	202	10
New	**24**	32.8	30	27	57	77	250	10

24760-75P/-125P/-250P

Extension Bars
Verlängerungen
Rallonges

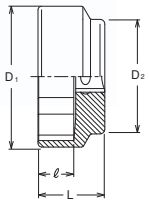


	24760	D (mm)	L (mm)	(g)	(pcs.)
New	**75P**	24	75	140	10
New	**125P**	24	125	200	5
New	**250P**	24	250	370	5

MOTORCYCLE TOOLS
MOTORRAD WERKZEUGE
OUTILLAGE MOTO

4400M (DU)

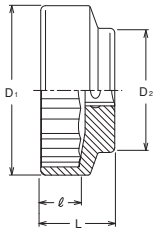
6 point Socket, extra short for Motorcycle central chain-wheel screws
6 kant Steckschlüssel, extra kurz für Motorrad Kettenrad-Zentralmuttern
Douilles, 6 pans, extra-courte, pour moto, pour roue d'entraînement écrou-central



4400M (DU)	⍁	D1 (mm)	D2 (mm)	l (mm)	L (mm)	⚖ (g)	◈ (pcs.)
41	1/2"	53	45	15	28	239	5
46		59	48	15	28	279	5

4405M (DU)

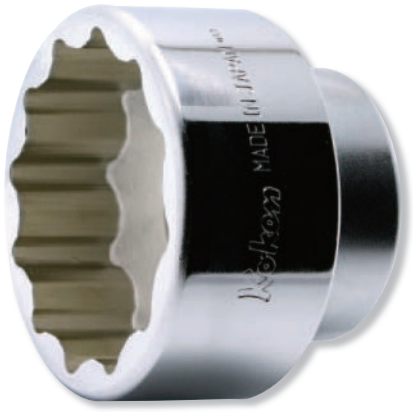
12 point Socket, extra short for motorcycle rear-axle screws
12 kant Steckschlüssel, extra kurz, für Motorrad-Hinterradmuttern
Douilles, 12 pans, extra-courte pour moto, pour écrou roué-arrière

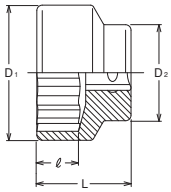


4405M (DU)	⍁	D1 (mm)	D2 (mm)	l (mm)	L (mm)	⚖ (g)	◈ (pcs.)
55	1/2"	71	52	16	31	410	5

6405A (MV)

12 point Socket, extra short for motorcycle rear-axle screws
12 kant Steckschlüssel, extra kurz, für Motorrad-Hinterradmuttern
Douilles, 12 pans, extra-courte pour moto, pour écrou roué-arrière



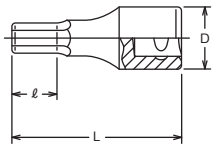


6405A (MV)	⍁	D1 (mm)	D2 (mm)	l (mm)	L (mm)	⚖ (g)	◈ (pcs.)
2.3/16MV	3/4"	74.6	53	23	52	790	2

4012M-43

Inhex Sockets
Steckschlüssel für Innensechskant-Schrauben
Douilles tournevis pour vis 6-pans creux

4012M.43 (mm)	⧄	D (mm)	l (mm)	L (mm)	(g)	(pcs.)
20	1/2"	26	11.5	43	130	10
21		26	11.5	43	140	10
22		26	11.5	43	145	10
23		28	11.5	43	170	10
24		28	11.5	43	170	10
27		32	11.5	43	226	10

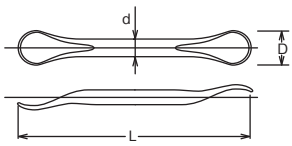


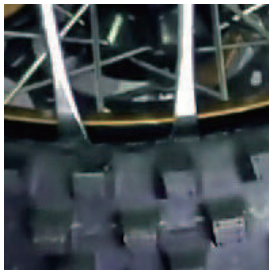
155

Tyre Lever
Reiffen und Montagehebel
Démonte-pneu

155	D (mm)	d (mm)	L (mm)	(g)	(pcs.)
	22	10	170	100	10

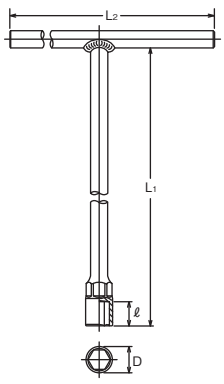
For Motor Cycles
Für Motorräder
Pour motos





104ME

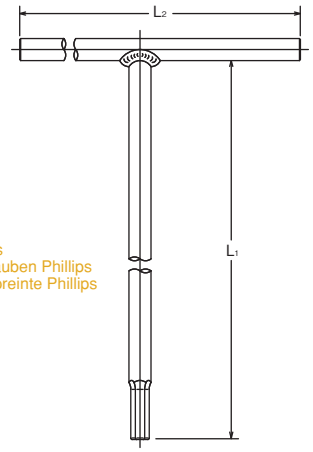
T-Handles, 6-Point
T-Griffe, 6-kant
Poignées en T, 6-pans



104ME (mm)	D (mm)	ℓ (mm)	L_1 (mm)	L_2 (mm)	(g)	(pce.)
6	9.5	8	200	180	150	1
7	11	9	200	180	152	1
8	12	10	250	200	183	1
9	14	12	250	200	188	1
10	14	13	250	200	230	1
11	16	14	250	200	234	1
12	18	15	250	200	355	1
13	18.5	17	250	250	390	1
14	20	18	250	250	399	1
15	21	19	250	250	404	1
16	22.5	21	250	250	419	1
17	24	22	250	250	568	1
18	25	23	250	250	577	1
19	26.5	25	250	250	594	1

157HE

T-Handles, for Inhex Screws
T-Griffe für Innensechskant-Schrauben
Poignées en T, pour vis à 6-pans creux



157HE (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
3	250	180	100	1
4	250	180	100	1
5	250	180	100	1
6	250	180	130	1
8	250	180	220	1

157PE

T-Handles for Phillips Screws
T-Griffe für Kreuzschlitzschrauben Phillips
Poignées en T, por vis à empreinte Phillips

157PE (PH)	L1 (mm)	L2 (mm)	(g)	(pce.)
2	250	180	95	1
3	250	180	170	1

157T

T-Handle for TORX® Screws
T-Griff für TORX®-Schrauben
Poignées en T pour vis à empreinte TORX®

	157T (T)	L1 (mm)	L2 (mm)	(g)	(pce.)
New	**T25**	250	180	95	1
New	**T27**	250	180	96	1
New	**T30**	250	180	167	1
New	**T40**	250	180	168	1
New	**T45**	250	180	213	1
New	**T50**	250	180	215	1

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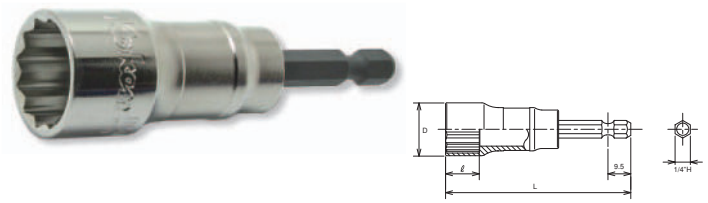
TORX® est une marque déposée de **Acument Intellectual Properties, LLC.**

TOOLS FOR CONSTRUCTION SITES
WERKZEUGE FÜR DAS BAUGEWERBE
OUTILLAGE POUR L'INDUSTRIE DU BÂTIMENT

BD014SE

12-point Nut Setters
12-kant Steckschlüsselklingen
Douilles 12-pans à embouts

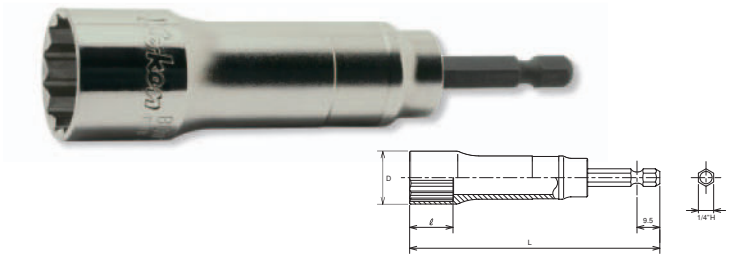


BD014SE (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	12	77	35	10
10	14	12	77	38	10
12	16.5	14	77	48	10
13	17.5	14	77	51	10
14	19	14	77	54	10
17	22.5	14	77	76	10
19	24.5	14	77	83	10
21	27	14	77	104	10
22	28	14	77	120	10
24	30.3	14	77	140	10

● **DIN 3126 Form E 6.3**

BD014E

12-point Nut Setters, deep
12-kant Steckschlüsselklingen, lang
Douilles longues, 12-pans à embouts



BD014E (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
8	12	12	104	50	10
10	14	12	104	58	10
12	16.5	18	104	73	10
13	17.5	18	104	78	10
14	19	18	104	83	10
17	22.5	18	104	111	10
19	24.5	18	104	128	10
21	27	18	104	150	10
22	28	18	104	157	10
24	30.3	18	104	180	10

● **DIN 3126 Form E 6.3**

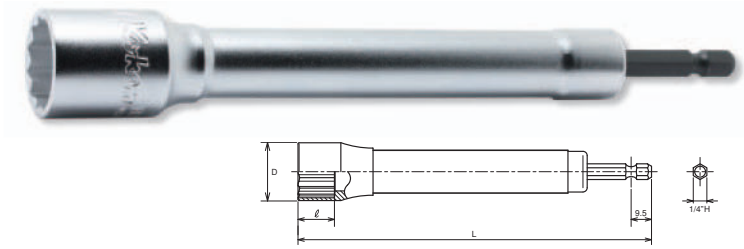
BD014E-140

6-point Nut Setters, extra deep
6-kant Steckschlüsselklingen, extra lang
Douilles extra-longues, 6-pans à embouts

BD014E-140 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)
13	19	20	140	120
17	24	26	140	190

BD008E-165 (12P)

12-point Nut Setter, extra long
12-kant Steckschlüsselklinge, extra lang
Douilles 12-pans à embouts, extra longues

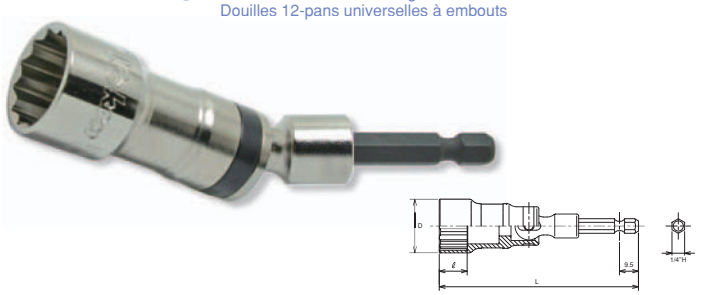


BD008E.165 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
17(12P)	22.5	17	165	178	10
19(12P)	24.5	17	165	195	10
21(12P)	27	17	165	233	10

● **DIN 3126 Form E 6.3**

BD011SE

12-point Universal Joint Nut Setters
12-kant Steckschlüsselklingen mit Gelenk
Douilles 12-pans universelles à embouts



BD011SE (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10	14	12	100	85	10
12	16.5	12	100	90	10
13	17.5	12	100	95	10
14	19	12	100	100	10
17	22.5	14	100	115	10
19	24.5	14	100	120	10
21	27	14	100	140	10
22	28	14	100	150	10

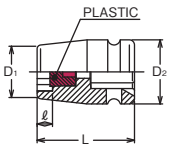
● **DIN 3126 Form E 6.3**

BD14400MJ

6-point Sockets for Anchor Screws
6-kant Steckschlüssel
Douilles 6-pans

BD14400MJ (mm)	☐	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
13	1/2"	20.7	25	5	38	140	10	*1
15		23.2	30	5	38	145	10	*2
16		24.5	30	6.5	38	145	10	*2
17		25.7	30	6.5	38	145	10	*2
19		28.2	30	7.5	38	145	10	*2
21		30.7	30	9	38	185	10	*2
24		34.5	30	10.5	38	190	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B
➔P242-243

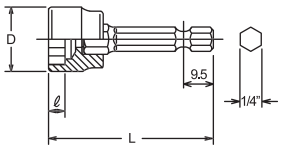


BD016E

6-point Sockets for Anchor Screws
6-kant Steckschlüssel
Douilles 6-pans

BD016E (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
13	19.5	4	50	43	10
17	24.5	5	50	56	10
19	27	6	50	68	10

● **DIN 3126 Form E 6.3**

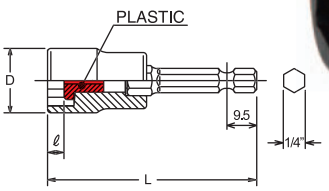


BD016JE

6-point Nut Setters with Plastic Stops
6-kant Steckschlüsselklingen mit Plastik-Anschlag
Douilles 6-pans à embout avec arrêt en plastique

BD016JE (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
13	19.5	5	60	66	10
17	24.5	6.5	60	80	10
19	27	7.5	60	90	10

● **DIN 3126 Form E 6.3**

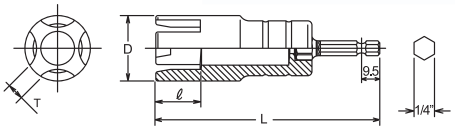


BD017E

Wing Bolt Socket for Electric Drill
6-kant Steckschlüsselklingen für Flügelschrauben
Douilles 6-pans à embout pour ecrous à oreilles

BD017E	D (mm)	T (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
	31	7.3	21	104	158	10

● **DIN 3126 Form E 6.3**

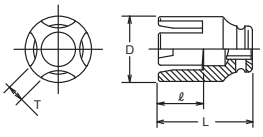


BD018

Wing Bolt Socket
Steckschlüssel für Flügelschrauben
Douilles pour ecrous à oreilles

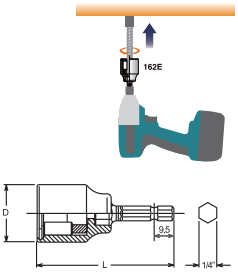
BD018	☐	D (mm)	T (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
	3/8"	31	7.3	21	45	113	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1401A/B
➔P242-243



162E

Stud Setters
Stehbolzeneindreher
Monte-goujons



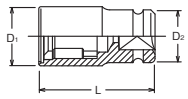
162E (mm)	D (mm)	L (mm)	(g)	(pcs.)
8	23	66	82	10
10	27.9	66	107	10

162E (inch)	D (mm)	L (mm)	(g)	(pcs.)
1/4	23	66	83	10
5/16	23	66	82	10
3/8	27.9	66	107	10
1/2	27.9	66	108	10

● **DIN 3126 Form E 6.3**

BD004

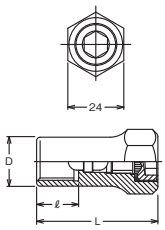
Impact Screw and Stud Setters
Impact Stehbolzeneindreher
Monte goujons, Impact



BD004 (mm)	☐	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
12.5×10	1/2"	30	25	70	236	5
12.5×13		38	30	75	388	3
12.5×16		38	30	75	369	3
20 ×19	3/4"	48	44	90	775	3
20 ×22		48	44	90	752	3
20 ×25		62	44	95	1184	2
20 ×29		62	44	95	1148	2

HA001

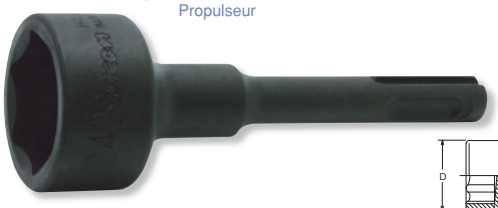
Stud Setters
Stehbolzeneindreher
Monte-goujons

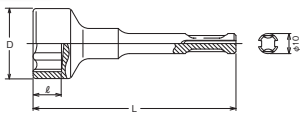


HA001	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
10(1.5)	15.5	13	47	90	10
12(1.25)	17.2	15	49	100	10
16(2.0)	21	18	52	125	10
20(2.5)	24.5	21	56	155	10
22(2.5)	26.5	27	61	175	10
24(3.0)	28	28	62	185	10
W3/8	14.8	13	47	90	10
W1/2	17.6	15	49	105	10

HA003

Drive Part
Antriebsteil
Propulseur



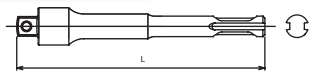


HA003 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
24	34.5	14	100	155	10

Socket for HA001

BD022-120P

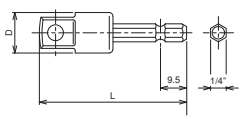
Hammer Drill Adaptor
Adapter für Schlagbohrmaschinen
Adaptateur pour aléseuses



BD022-120P	☐	L (mm)	(g)	(pcs.)
3/8	3/8"	120	100	10
1/2	1/2"	120	160	10

BD023E

Adaptors
Verbindungsstücke
Adaptateurs

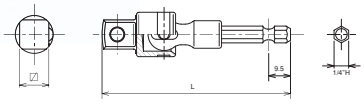


BD023E	☐	D (mm)	L (mm)	(g)	(pcs.)
3/8	3/8"	6.35	55	45	10
1/2	1/2"	6.35	60	50	10

● **DIN 3126 Form E 6.3**

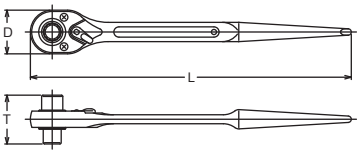
BD024E

Universal Adaptors
Gelenk Adapter
Augmentateur universel



BD024E	☐	D (mm)	L (mm)	(g)	(pcs.)
3/8	3/8"	6.35	78	70	10
1/2	1/2"	6.35	82	75	10

● **DIN 3126 Form E 6.3**



170S

Spud Handle Ratchets, reversible
Doppelseitige Gerüstbauknarre, umstellbar
Cliquets, réversibles, pour assemblage et démontage - échafaudages, manche pointu

170S (mm)	D (mm)	T (mm)	L (mm)	(g)	(pce.)
10×12	34	38	250	260	1
12×14	34	38	250	260	1

171S

Spud Handle Ratchets, reversible
Doppelseitige Gerüstbauknarre, umstellbar
Cliquets, réversibles, pour assemblage et démontage - échafaudages, manche pointu

171S (mm)	D (mm)	T (mm)	L (mm)	(g)	(pce.)
14×17	44.6	50	250	460	1
17×19	44.6	50	250	460	1
17×21	44.6	50	250	460	1
19×21	44.6	50	250	460	1

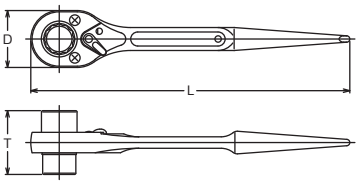
171

Spud Handle Ratchets (Long), reversible
Doppelseitige Gerüstbauknarre, lange Ausführung, umstellbar
Cliquets longs, réversibles, pour assemblage et démontage - échafaudages, manche pointu

171 (mm)	D (mm)	T (mm)	L (mm)	(g)	(pce.)
14×17	44.6	50	380	630	1
17×19	44.6	50	380	630	1
17×21	44.6	50	380	630	1
19×21	44.6	50	380	630	1

172

Spud Handle Ratchets (Long), reversible
Doppelseitige Gerüstbauknarre, lange Ausführung, umstellbar
Cliquets longs, réversibles, pour assemblage et démontage - échafaudages, manche pointu



172 (mm)	D (mm)	T (mm)	L (mm)	(g)	(pce.)
21×26	68	58	380	1100	1
22×24	68	58	380	1100	1
23×26	68	58	380	1100	1
24×27	68	58	380	1100	1
26×32	68	63	380	1100	1

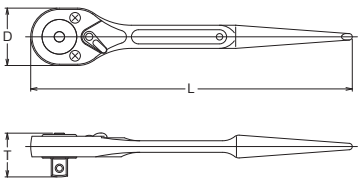
171SB-1/2

Spud Handle Ratchet with Push Button (short)

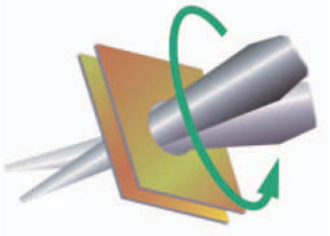
171SB-1/2	☐	D (mm)	T (mm)	L (mm)	(g)	(pce.)
	1/2"	44.6	33	250	480	1

171B-1/2

Spud Handle Ratchet with Push Button(Long)



171B-1/2	☐	D (mm)	T (mm)	L (mm)	(g)	(pce.)
	1/2"	44.6	33	380	650	1



Twin Opening Spud Handle Ratchets
The tapered handle is designed to align bolt holes in flanges, rivet holes or similar assemblies.

Knarren mit doppelseitiger Steckschlüssel-Kombination und konischem Griff für die Ausrichtung von Bohrlöchern z. B. an Flanschen und Gerüsten.

Cliquets à tête double avec manche conique pour aligner les trous des boulons lors des travaux d'échafaudage ou de tout travail de construction.

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SPARE PART SETS
ERSATZTEILSÄTZE
PIECES DE RECHANGE

2749RK

2752RK 2752N

2753RK 2753PS, 2753P, 2753P-160, 2753J, 2774PS, 2774JS, 2774P, 2774J

2753BRK 2753PB, 2753JB

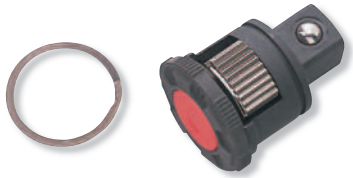
2725RK 2725Z, 2726Z

2749RK-3/8 2749PS-3/8, 2749P-3/8 2774PS-3/8, 2774JS-3/8

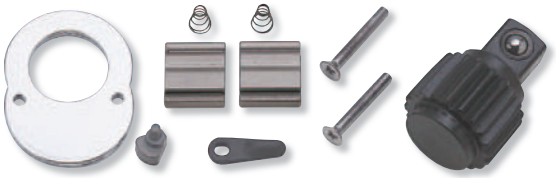
3749RK 3749S

3749BRK 3749SB

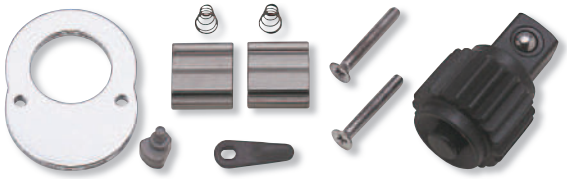
3752RK 3752J, 3757, 3776P, 3776J



3753RK 3753SM, 3753P, 3753P-250, 3753J, 3774PS 3774P, 3774J, 3774PL, 3774JL, 3774P-SR



3753BRK 3753SMB, 3753PB, 3753JB 3774PB, 3774JB, 3774JBL



3725RK 3725Z, 3725ZS, 3726Z, 3726ZS

168T-6IP(40) TORXPlus® 6IP Screwdriver for 2725RK

168T-8IP(40) TORXPlus® 8IP Screwdriver for 3725RK

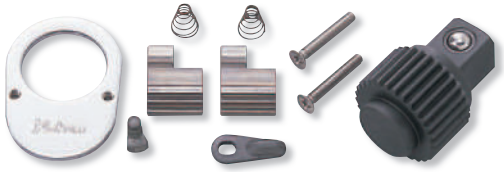
			(g)	(pce.)
	2749RK	1/4"	30	1
	2752RK		42	1
	2753RK		30	1
	2753BRK		31	1
New	2725RK		30	1
	2749RK-3/8	3/8"	45	1
	3749RK		70	1
	3749BRK		84	1
	3752RK		84	1
	3753RK		76	1
	3753BRK		77	1
	3725RK		50	1
New	168T-6IP(40)	—	20	1
New	168T-8IP(40)	—	20	1

3749SRK-1/2 3749S-1/2

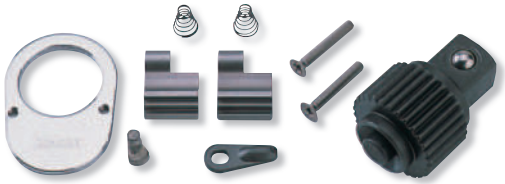
3749SBRK-1/2 3749SB-1/2

4749RK 4749J-380

4750RK 4750P, 4750J

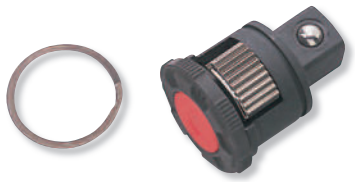


4750BRK 4750PB, 4750JB

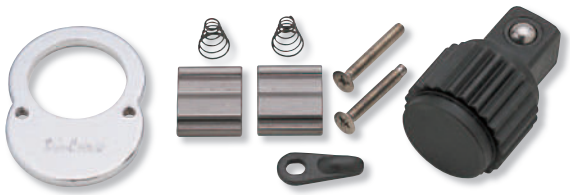


	☐	(g)	(pce.)
3749SRK-1/2	1/2"	120	1
3749SBRK-1/2		120	1
4749RK		130	1
4750RK		130	1
4750BRK		130	1
4752RK		140	1
4753RK		130	1
4753BRK		130	1
6749RK	3/4"	580	1
6752RK		600	1
8749RK	1"	800	1

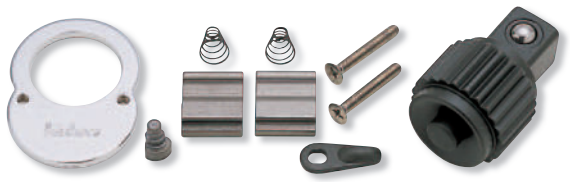
4752RK 4752J



4753RK 4753P, 4753P-410, 4753J 4774P, 4774P-450, 4774J



4753BRK 4753PB, 4753JB 4774PB, 4774JB



6749RK 6749, 6749-1000

6752RK 6752

8749RK 8749

2755RK 2755

3755RK 3755

4755RK 4755

6755RK 6755

	☐	⚖ (g)	(pce.)
2755RK	1/4"	40	1
3755RK	3/8"	98	1
4755RK	1/2"	137	1
6755RK	3/4"	550	1

2768RK 2768P, 2768J

3768RK 3768P, 3768J
3768ZRK 3768Z

4768RK 4768P, 4768J

6768RK 6768

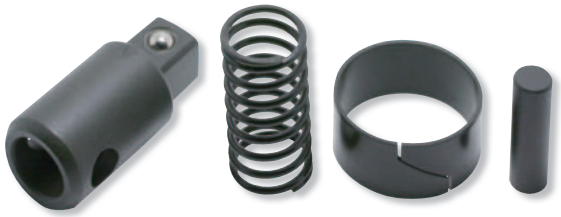
8768RK 8768

	☐	⚖ (g)	(pce.)
2768RK	1/4"	9	1
3768RK	3/8"	21	1
New 3768ZRK	3/8"	21	1
4768RK	1/2"	60	1
6768RK	3/4"	175	1
8768RK	1"	475	1

	☐	(pce.)
3112RK	3/8"	1
4112RK	1/2"	1
6112RK	3/4"	1

3112RK 3112N, 3112G

4112RK 4112N, 4112G



6112RK 6112

4100MRK (mm)	☐	(pce.)
6	1/2"	1
7		1
8		1
9		1
10		1
10.5		1
11		1
12		1
14		1
16		1

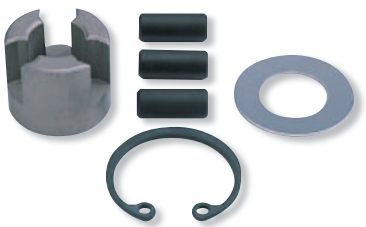
4100ARK (inch)	☐	(pce.)
1/4	1/2"	1
5/16		1
3/8		1
7/16		1
1/2		1
9/16		1
5/8		1

4100MRK 4100ARK 4100M/4100A

6100MRK (mm)	☐	(pce.)
18	3/4"	1
20		1
22		1
24		1
27		1
28		1
29		1
30		1

6100MRK 6100M

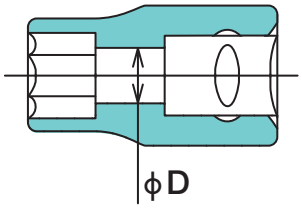
162RK

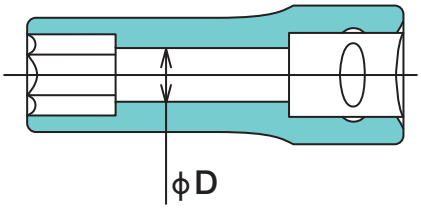


	162RK	(pce.)
New	5/16	1
New	3/8	1
New	1/2	1
New	10	1

Standard Socket

Deep Socket

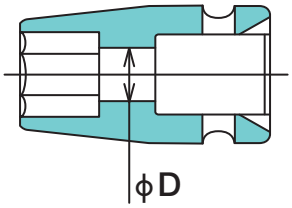


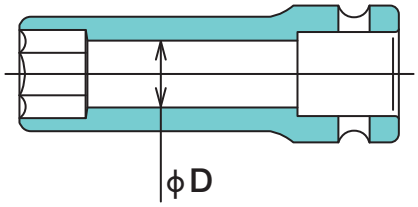


SOCKET		1/4"		3/8"		1/2"		3/4"		1"
		Standard	Deep	Standard	Deep	Standard	Deep	Standard	Deep	Standard
⬡		2400M 2400A	2300M 2300A	3400M 3400A	3300M 3300A	4400M 4400A	4300M 4300A	6400M 6400A	6300M 6300A	8400M 8400A
○		2405M 2405A	2305M 2305A	3405M 3405A	3305M 3305A	4405M 4405A	4305M 4305A	6405M 6405A	6305M 6305A	8405M 8405A
(mm)	(inch)	ϕD								
3	1/8	2.5	2.5							
4		3.5	3.5							
4.5		4	4							
5	3/16	4	4.5							
5.5	7/32	4.5	5	4.5	5					
6	1/4	5	5	5	5					
7	9/32	5.5	6	5.5	6					
8	5/16	6	7	6	7	6	7			
9	11/32	7	8	7	8	7	8			
10	3/8	8	9	8	9	8	9			
11	7/16	9	10	9	10	9	10			
12		10	11	10	11	10	11			
13	1/2	11	12	11	12	11	12			
14	9/16	12	13	12	13	12	13			
15	19/32			13	14	13	14			
16	5/8			14	15	14	15			
17	21/32			15	16	15	16	15	16	
18	11/16			15	17	15	17	15	17	
19	3/4			16	18	16	18	16	18	
20	25/32			17	19	17	19	17	19	
21	13/16			18	20	18	20	18	20	
22	7/8			19	21	19	21	19	21	
23				20	22	20	22	20	22	
24	15/16			21	23	21	23	21	23	
25						22	24	22	24	
26	1					23	25	23	25	
27	1- 1/16					23	26	23	26	23
28						24	27	24	27	24
29	1- 1/8					24	28	24	28	24
30	1- 3/16					25	29	25	29	25
31						26	30	26	30	26
32	1- 1/4					27	31	27	31	27
33	1- 5/16							28	32	28
34								29	33	29
35	1- 3/8							30	34	30
36								31	35	31
37	1- 7/16							31	36	31
38	1- 1/2							32	37	32
39								32	38	32
40	1- 9/16							33	39	33
41	1- 5/8							34	40	34
42								34	41	34
43	1-11/16							35	42	35
44	1- 3/4							36	43	36
45								36	44	36
46	1-13/16							37	45	37
47								38	46	38
48	1- 7/8							38	47	38
	1-15/16							39	48	39
50	2							40	49	40
	2- 1/16							40		

Standard Socket

Deep Socket





SOCKET		1/4"	3/8"		1/2"		3/4"		1"	
		Standard	Standard	Deep	Standard	Deep	Standard	Deep	Standard	Deep
		12400M 12400A	13400M 13400A	13300M 13300A	14400M 14400A	14300M 14300A	16400M 16400A	16300M 16300A	18400M 18400A	18300M 18300A
(mm)	(inch)	ϕD								
4		3								
4.5	3/16	3								
5		4								
5.5		4								
6	1/4	5	5	5						
7	9/32	5	5	6						
8	5/16	6	6	7	6	7				
9	11/32	7	7	8	7	8				
10	3/8	8	8	9	8	9				
11	7/16	9	9	10	9	10				
12		10	10	11	10	11				
13	1/2	11	11	12	11	12				
14	9/16	12	12	13	12	13				
15			13	14	13	14				
16	5/8		14	15	14	15				
17	11/16		14	16	14	16	14	16		
18			15	17	15	17	15	17		
19	3/4		16	18	16	18	16	18	16	18
20			17	19	17	19	17	19	17	19
21	13/16		18	20	18	20	18	20	18	20
22	7/8		19	21	19	21	19	21	19	21
23			20		20	22	20	22	20	22
24	15/16				21	23	21	23	21	23
25	1				22	24	22	24	22	24
26					23	25	23	25	23	25
27	1- 1/16				23	26	23	26	23	26
28					24	27	24	27	24	27
29	1- 1/8				25	28	25	28	25	28
30	1- 3/16				26	29	26	29	26	29
31					27	30	27	30	27	30
32	1- 1/4				28	31	28	31	28	31
33							29	32	29	32
34	1- 5/16						30	33	30	33
35	1- 3/8						31	34	31	34
36							32	35	32	35
37	1- 7/16						32	36	32	36
38	1- 1/2						34	37	34	37
40	1- 9/16						34	39	34	39
41	1- 5/8						35	40	35	40
42	1-11/16						35	41	35	41
45	1- 3/4						35	44	35	44
46	1-13/16						40	45	40	45
47							40	46		
	1- 7/8						40	47		

Equivalent Standard Bolt Diameters

of German, American, British, Norwegian, French, and Swedish sizes for Wrenches

Socket Opening		Metric sizes												American sizes																	English sizes		
		SW	Thread diameters											Thread diameters																	Thread Diam		
			ISO R272-1968		German Standard				French Standard	Swedish Standards				ISO R272-1962			Nomal Series		Heavy Series		Nuts			Bolts and Screws					Nuts	W	BS	
					metric																a	b	c	d	e	f	g	h			
minimum dimension 1)	maximum dimension 2)	nominal size of wrench mm	standard hexagon	small hexagon	DIN.....2)	DIN561+564	DIN6914+6915	Danish Stand DS 17	NFE 27-111-19303	Metric large SMS 1412	Metric small SMS 1414	Whitworth large SMS 1413	Whitworth small SMS 1415	Nominal Size of Wrench	Bolts	Nuts	Actual A/F	Bolts	Nuts	Bolts	Nuts	Normal	Square	Heavy	Normal	Heavy	Machine Screws	Set Screws Square	Machine Screw Nuts	Whitworth Large	BS 916, 1953 and BS 1083, 1968, 1965	Width across flats inch
2.52	2.58	2.5			1																										
3.02	3.08	3			1.2+1.4																										
3.22	3.28	3.2	1.6		1.6																										
3.23	3.35													1/8	No2											No2+3					
3.52	3.60	3.5			1.7																										
4.01	4.14													5/32		No0+1												No0+1			
4.02	4.12	4	2		2				2.5		2.3																				
4.52	4.62	4.5			2.3						2.6																				
4.83	4.95													3/16	No3.4+5	No2+3	19									No4+5	No10	No2+3			
5.02	5.12	5	2.5		2.5+2.6				3		3																				
5.21	5.33													13/64																	
5.52	5.62	5.5	3		3																										
5.59	5.72													7/32													No12				
6.00	6.13													15/64																	
6.03	6.15	6			3.5				3.5	3	3.5																				
6.40	6.53													1/4	No6+8	No4	25									No6+8	1/4	No4			
6.60	6.70																												1/16		.256
6.82	6.97													17/64																	
7.03	7.15	7	4		4				4+4.5	3.5	4																				
7.19	7.32													9/32										No10							
7.60	7.70																												3/32		.297
7.62	7.77													19/64																	
8.03	8.18													5/16	No10+12	No5+6	31									No10+12	5/16	No5+6			
8.03	8.15	8	5		5	6			5	4	5																				
8.41	8.56													21/64																	
8.70	8.80																												1/8	3/16	.340
8.81	8.97													11/32		No8	34											No8			
9.03	9.15	9			6				5.5	5																					
9.60	9.75													3/8		No10	38							※1/4		1/4	3/8	No10			
10.04	10.19	10	6		6	8			6		6																				
10.39	10.55													13/32																	
11.04	11.19	11	7		7			1/4		6	7		1/4																		
11.18	11.33													7/16	1/4	No12.1/4	44	1/4	1/4			1/4	1/4		1/4			7/16	No12.1/4			
11.38	11.45																												3/16	1/4	.445
11.99	12.14													15/32																	
12.04	12.24	12		8					7		8																				
12.80	12.95													1/2	5/16	5/16	50	5/16	5/16		1/4	5/16		1/4	5/16		5/16	1/2			
13.04	13.24	13	8		8	10						1/4	5/16																		
13.44	13.54																												1/4	5/16	.525
13.60	13.77													17/32																	
14.05	14.27	14		10	8⁶)			5/16	8	8																					
14.38	14.55													9/16	3/8	3/8	56	3/8	3/8		5/16	3/8	5/16	5/16	3/8		3/8	9/16	5/16			
15.05	15.27	15			10⁵)						10	5/16	3/8																		
15.18	15.36													19/32																	
15.34	15.44																												5/16	3/8	.600
15.98	16.15													5/8	7/16		62	7/16				3/8		7/16			5/8	3/8			
16.05	16.27	16	Spark plug M10x1.0						9																						
16.77	16.95													21/32																	
17.05	17.30	17	10	12	10	12		3/8	10	10																					
17.58	17.75													11/16		7/16	69		7/16		3/8	7/16		3/8							
18.05	18.30	18	Spark plug M12x1.25								12	3/8	7/16																		
18.16	18.29																												3/8	7/16	.710
19.06	19.36	19	12	14	12	16		7/16	11																						
19.18	19.38													3/4	1/2	1/2	75	1/2	1/2		7/16	1/2	7/16	7/16	1/2			3/4			
19.97	20.17													25/32																	
20.06	20.36	20																													
20.78	20.98													13/16	9/16		81	9/16				1/2		9/16							
20.86	21.16	20.8	Spark plug M14x1.25																												
20.95	21.08																												7/16	1/2	.820
21.06	21.36	21							12		14	7/16	1/2																		
22.06	22.36	22	14	16	14		12	1/2		12+14																					
22.35	22.56													7/8		9/16	88		9/16	1/2	1/2	9/16	9/16	1/2			7/8				
23.06	23.36	23							14			1/2																			
23.52	23.67																												1/2	9/16	.920
23.98	24.21													15/16	5/8	5/8	94	5/8	5/8			5/8		9/16	5/8						
24.06	24.36	24	16	18	16	20					16		5/8																		
24.76	24.99													31/32																	
25.06	25.36	25																													
25.55	25.78													1			100					5/8					1				
25.81	25.96																												9/16	5/8	1.010
26.08	26.48	26	Spark plug M18x1.5																												
27.08	27.48	27	18	20	18		16	5/8		16	18																				
27.13	27.36													1 1/16			106			5/8	5/8			5/8							
28.12	28.30																												5/8	11/16	1.100
28.08	28.48	28										5/8	3/4																		
28.75	29.01													1 1/8	3/4	3/4	112	3/4	3/4			3/4	3/4		3/4			1 1/8			
29.08	29.48	29							18																						
30.08	30.48	30	20	22	20	24					20																				
30.34	30.59													1 3/16																	
30.66	30.84																												11/16	3/4	1.200
31.93	32.18													1 1/4			125			3/4	3/4			3/4				1 1/4			
32.08	32.48	32	22	24	22		20	3/4	20	18+20	22																				
33.08	33.48	33										3/4	7/8																		
33.22	33.43																												3/4	7/8	1.300
33.53	33.81													1 5/16	7/8	7/8	131	7/8	7/8			7/8	7/8		7/8						
34.08	34.48	34									24																				
35.10	35.60	35							22																						
35.13	35.41													1 3/8														1 3/8			
35.51	35.71																												13/16	15/16	1.390
36.10	36.60	36	24	27	24	30	22	7/8		22+24																					

Equivalent Standard Bolt Diameters

of German, American, British, Norwegian, French, and Swedish sizes for Wrenches

Socket Opening		Metric sizes												American sizes																		English sizes		
		SW	Thread diameters												Thread diameters																	Thread Diam		
minimum dimension 1)	maximum dimension 2)	nominal size of wrench mm	ISO R272-1968		German Standard				French Standard	Swedish Standards				Nominal Size of Wrench	ISO R272-1962																	W	BS	
			standard hexagon	small hexagon	metric													Nomal Series		Heavy Series		Nuts			Bolts and Screws				Nuts				
					DIN.....2)	DIN561+564	DIN6914+6915	Danish Stand DS 17	NFE 27-111-19303)	Metric large SMS 1412	Metric small SMS 1414	Whitworth large SMS 1413	Whitworth small SMS 1415		Bolts	Nuts	Actual A/F	Bolts	Nuts	Bolts	Nuts	Normal a	Square b	Heavy c	Normal d	Heavy e	Machine Screws f	Set Screws Square g	Machine Screw Nuts h	Whitworth Large	BS 916, 1953 and BS 1083, 1968, 1965	Width across flats inch
36.73	37.01													1 7/16			144			7/8	7/8			7/8		7/8							
37.10	37.60	37										7/8	1																				
37.82	38.05																													7/8	1	1.480
38.10	38.60	38							24																								
38.30	38.61													1 1/2	1	1	150	1	1			1	1		1			1 1/2					
39.89	40.20													1 9/16																			
40.36	40.59																													15/16	1 1/16	1.580
41.10	41.60	41	27	30	27		24	1		27																							
41.50	41.81													1 5/8			162			1	1			1		1							
42.10	42.60	42							27			1	1 1/8																				
42.67	42.93																													1	1 1/8	1.670
43.08	43.38													1 11/16	1 1/8	1 1/8	169	1 1/8	1 1/8			1 1/8	1 1/8		1 1/8								
44.70	45.03													1 3/4																			
46.10	46.60	46	30	33	30	36	27	1 1/8	30	30																							
46.28	46.61													1 13/16			181			1 1/8	1 1/8			1 1/8		1 1/8							
47.10	47.60	47										1 1/8	1 1/4																				
47.52	47.80																													1 1/8	1 1/4	1.860
47.88	48.21													1 7/8	1 1/4	1 1/4	188	1 1/4	1 1/4			1 1/4	1 1/4		1 1/4								
50.10	50.60	50	33	36	33			1 1/4	33	33																							
51.08	51.44													2			200			1 1/4	1 1/4			1 1/4		1 1/4							
52.10	52.60	52										1 1/4	1 3/8																				
52.37	52.68																													1 1/4	1 3/8	2.050
52.68	53.04													2 1/16	1 3/8	1 3/8	206	1 3/8	1 3/8			1 3/8	1 3/8		1 3/8								
54.12	54.72	54							36																								
54.25	54.61													2 1/8																			
55.12	55.72	55	36	39	36	42		1 3/8		36																							
55.88	56.26													2 3/16			219			1 3/8	1 3/8			1 3/8		1 3/8							
56.12	56.72	56										1 3/8	1 1/2																				
56.72	57.05																													1 3/8	1 1/2	2.220
57.45	57.84													2 1/4	1 1/2	1 1/2	225	1 1/2	1 1/2			1 1/2	1 1/2		1 1/2								
58.12	58.72	58							39																								
60.12	60.72	60	39		39			1 1/2		39		1 1/2	1 5/8																				
60.66	61.06													2 3/8			238			1 1/2	1 1/2			1 1/2		1 1/2							
61.57	61.92																													1 1/2	1 5/8	2.410
62.23	62.64													2 7/16												1 5/8							
63.12	63.72	63							42																								
63.83	64.24													2 1/2																			
65.12	65.72	65	42		42	48		1 3/8		42		1 5/8	1 3/4																				
65.43	65.86													2 9/16			256							1 5/8		1 5/8							
65.91	66.29																													1 5/8	1 3/4	2.580
67.03	67.46													2 5/8	1 3/4	1 3/4	262	1 3/4	1 3/4						1 3/4								
67.12	67.72	67							45																								
70.12	70.72	70	45		45			1 3/4		45		1 3/4	1 7/8																				
70.26	70.69													2 3/4			275			1 3/4	1 3/4			1 3/4		1 3/4							
70.51	70.92																													1 3/4	2	2.760
71.12	71.72	71							48																								
71.81	72.26													2 13/16											1 7/8								
75.03	75.51													2 15/16			294							1 7/8		1 7/8							
75.15	75.85	75	48		48	56		1 7/8		48		1 7/8	2																				
76.61	77.09													3	2	2	300	2	2						2								
77.15	77.85	77							52																								
79.81	80.31													3 1/8			312			2	2			2		2							
80.15	80.85	80	52		52			2	52		2																						
80.47	80.92																													2	2 1/4	3.150	
82.15	82.85	82							56																								
85.15	85.85	85	56		56			2 1/4																									
86.18	86.72													3 3/8											2 1/4								
88.15	88.85	88							60																								
89.36	89.92													3 1/2										2 1/4		2 1/4							
90.15	90.85	90	60		60																												
90.60	91.00																														2 1/2	3.550	
94.15	94.85	94							64																								
95.15	95.85	95	64		64			2 1/2																									
95.76	96.34													3 3/4											2 1/2								
98.93	99.52													3 7/8										2 1/2		2 1/2							
99.20	99.60																														2 3/4	3.890	
100.15	100.85	100	68		68				68																								
105.20	106.00	105	72		72			2 3/4	72																								
105.33	105.67													4 1/8										2 3/4									
106.60	107.00																														3	4.180	
108.51	109.14													4 1/4										2 3/4									
110.20	111.00	110	96		76			3	76																								
114.91	115.57													4 1/2											3								
115.20	116.00	115	80		80																												
116.20	117.00	116							80																								
118.08	118.77													4 5/8										3		3							
120.20	121.00	120	85		85			3 1/4																									

1) max-min, dimensions for metric sizes according to DIN 475/2, series 1
2) DIN 439, 555, 601, 609, 610, 917, 931, 933, 934, 935, 936, 937, 960, 961, 979, 980, 985, 986, 1587, 2510/5, 6330, 6331, 7513, 7964, 7967, 7968, 7976, 7990
3) NFE 27-311 is identical to ISO R 272 since Oct.1969
4) Standards prior to 1966
5) Only applicable to Motor industry(M 10 acc.to DIN 70 613 through 70 618)
6) Standards prior to 1963

ANSI B 18.2.2-1972

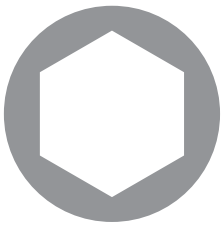
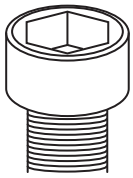
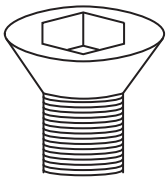
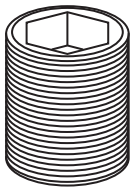
a) Hex Flat and Hex Flat Jam Nuts
Hex Nuts and Hex Jam Nuts
Hex Slotted Nuts
Hex Thick Nuts
Hex Thick Slotted Nuts
Hex Castle Nuts
b) Square Nuts
c) Heavy Square Nuts
Heavy Hex Flat Nuts
Heavy Hex Flat Jam Nuts
Heavy Hex Nuts
Heavy Hex Jam Nuts
Heavy Hex Slotted Nuts

ANSI B 18.2.1-1972

d) Square Bolts
Hex Bolts
Hex Cap Screws
Lag Screws
e) Heavy Hex Bolts
Heavy Hex Structual Bolts
Heavy Hex Screws

f) ANSI B 18.6.3-1962
g) ANSI B 18.6.2-1956
h) ANSI B 18.6.3-1962
※ Square Bolt and Lag Screw only

Socket Screw Data Chart

METRIC Sizes				
SW nominal size of wrench (mm)	Socket Head Cap Screws ISO4762	Socket Button Head Screws ISO7380	Socket Head Shoulder Screws ISO7379	Socket Set Screws ISO 4026,4027 4028,4029
0.7	-	-	-	M1.4 M1.6 M1.8
0.9	-	-	-	M2
1.3	M1.4	-	-	M2.5
1.5	M1.6 M2	-	-	M3
2	M2.5	M3	M3	M4
2.5	M3	M4	M4	M5
3	M4	M5	M5	M6
4	M5	M6	M6	M8
5	M6	M8	M8	M10
6	M8	M10	M10	M12 M14
7	-	-	-	-
8	M10	M12	M12	M16
10	M12	M16	M16	M20
12	M14	-	M20	M24
14	M16	-	-	-
17	M20	-	-	-
19	M24	-	-	-
22	M30	-	-	-
24	M33	-	-	-
27	M36	-	-	-

SW nominal size of wrench		AMERICAN Sizes ANSI B 18.3 : 1986				BRITISH Sizes BS 2470 : 1973			
(inch)	(mm)	Cap Screws 1960 series	Flat and Button Head Cap Screws	Shoulder Screws	Set Screws	Cap Screws	Flat and Button Head Cap Screws	Shoulder Screws	Set Screws
.028 dec. in.	0.7	-	-	-	No.0 No.1	-	-	-	No.0
.035 dec. in.	0.9	-	No.0	-	No.2	-	No.0	-	No.1 No.2
.050 dec. in.	1.3	No.0	No.1 No.2	-	No.3 No.4	No.0 No.1	No.1 No.2	-	No.3 No.4 6 BA
1/16	1.59	No.1	No.3 No.4	-	No.5 No.6	No.2	No.3 No.4	-	No.5 No.6 4 BA 5 BA
5/64	1.98	No.2 No.3	No.5 No.6	-	No.8	No.3 No.4 6 BA	No.5 No.6	-	No.8 3 BA
3/32	2.38	No.4 No.5	No.8	-	No.10	No.5 No.6 4 BA 5 BA	No.8	-	No.10 1 BA 2 BA 3/16
7/64	2.78	No.6	-	-	-	-	-	-	-
1/8	3.18	-	No.10	1/4	1/4	No.8 3 BA	No.10	1/4	0 BA 1/4
9/64	3.57	No.8	-	-	-	-	-	-	-
5/32	3.97	No.10	1/4	5/16	5/16	No.10 1 BA 2 BA 3/16	1/4	5/16	5/16
3/16	4.76	1/4	5/16	3/8	3/8	0 BA 1/4	5/16	3/8	BSPF1/8 3/8
7/32	5.56	-	3/8	-	7/16	5/16	3/8	-	7/16
1/4	6.35	5/16	7/16	1/2	1/2	-	7/16	1/2	BSPF1/4 1/2
5/16	7.94	3/8	1/2	5/8	5/8	3/8 7/16	1/2	5/8	BSPF3/8 5/8
3/8	9.53	7/16 1/2	5/8	3/4	3/4	1/2	5/8	3/4	BSPF1/2 3/4
			Only Flat Head						
1/2	12.7	5/8	3/4	1	7/8	5/8	3/4	-	BSPF5/8 7/8
9/16	14.29	-	7/8	-	1 1 1/8	3/4 7/8	-	-	BSPF3/4 1
5/8	15.88	3/4	1	1 1/4	1 1/4 1 3/8	1	-	-	-
3/4	19.05	7/8 1	1 1/8	-	1 1/2	-	-	-	-
7/8	22.23	1 1/8 1 1/4	1 1/4 1 3/8	1 1/2	-	-	-	-	-
1	25.4	1 3/8 1 1/2	1 1/2	1 3/4	1 3/4 2	-	-	-	-

TORX® / TORX plus® / PENTA-LOBE / LHstix® / XZN / Ribe CV Data Chart

TORX® / TORX plus® BITS

		S
T6	6IP	1.6
T7	7IP	2.0
T8	8IP	2.3
T9	9IP	2.5
T10	10IP	2.7
T15	15IP	3.3
T20	20IP	3.8
T25	25IP	4.4
T27	27IP	5.0
T30	30IP	5.5
T40	40IP	6.6
T45	45IP	7.8
T50	50IP	8.8
T55	55IP	11.2
T60	60IP	13.2
T70	70IP	15.5
T80	80IP	17.5
T90	90IP	19.9
T100	100IP	22.1

TORX® / TORX plus® SOCKETS

		S
E4	4EP	3.8
E5	5EP	4.7
E6	6EP	5.7
E7	7EP	6.2
E8	8EP	7.5
E10	10EP	9.4
E11	11EP	10.0
E12	12EP	11.1
E14	14EP	12.9
E16	16EP	14.7
E18	18EP	16.6
E20	20EP	18.4
E22	22EP	20.2
E24	24EP	22.1
E26	26EP	23.9
E28	28EP	25.7
E30	30EP	27.4
E32	32EP	29.2

PENTA-LOBE BITS

	S
8PR	2.2
9PR	2.4
10PR	2.6
15PR	3.1
20PR	3.6
25PR	4.1
27PR	4.7
30PR	5.2
40PR	6.3
45PR	7.4
50PR	8.4
55PR	10.6

LHstix® (LH-S) SOCKETS

	S
LH3S	3.8
LH4S	4.5
LH5S	5.6
LH6S	6.8
LH7S	7.9
LH8S	9.0
LH10S	11.3
LH12S	13.6
LH14S	15.8
LH16S	18.1

XZN BITS

	S
M4	3.6
M5	4.8
M6	6.0
M8	7.2
M10	9.6
M12	11.4
M14	13.2
M16	15.6
M18	16.9

Ribe CV BITS

	S	W
M5	5.0	1.1
M6	6.0	1.3
M7	7.0	1.4
M8	8.0	1.7
M9	9.0	1.9
M10	10.0	2.2
M12	12.0	2.6
M13	13.0	3.0
M14	14.0	3.1
M16	16.0	3.5

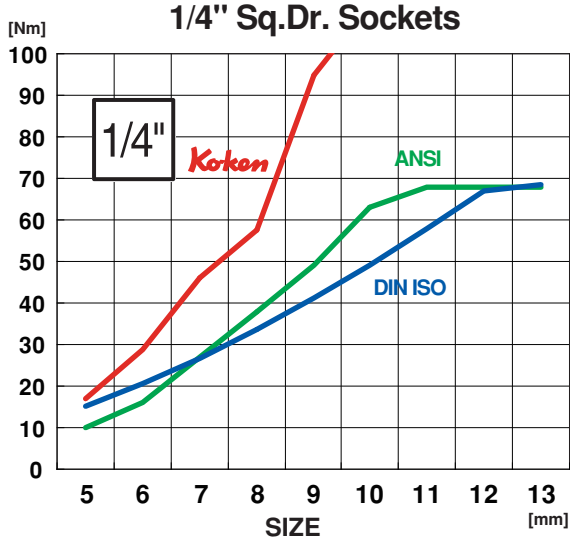
Conversion Table: American Inches-Decimal Inches-Millimeter

in	dec.in.	0"	1"	2"	3"	4"	5"	6"	7"	8"	9"	10"	11"
		Millimeter(mm)											
	0	0	25.4000	50.8000	76.2000	101.6000	127.0000	152.4000	177.8000	203.2000	228.6000	254.0000	279.4000
1/64	0.01563	0.3969	25.7969	51.1969	76.5969	101.9969	127.3969	152.7969	178.1969	203.5969	228.9969	254.3969	279.7969
1/32	0.03125	0.7938	26.1938	51.5938	76.9938	102.3938	127.7938	153.1938	178.5938	203.9938	229.3938	254.7938	280.1938
3/64	0.04688	1.1906	26.5906	51.9906	77.3906	102.7906	128.1906	153.5906	178.9906	204.3906	229.7906	255.1906	280.5906
1/16	0.06250	1.5875	26.9875	52.3875	77.7875	103.1875	128.5875	153.9875	179.3875	204.7875	230.1875	255.5875	280.9875
5/64	0.07813	1.9844	27.3844	52.7844	78.1844	103.5844	128.9844	154.3844	179.7844	205.1844	230.5844	255.9844	281.3844
3/32	0.09375	2.3813	27.7813	53.1813	78.5813	103.9813	129.3813	154.7813	180.1813	205.5813	230.9813	256.3813	281.7813
7/64	0.10938	2.7781	28.1781	53.5781	78.9781	104.3781	129.7781	155.1781	180.5781	205.9781	231.3781	256.7781	282.1781
1/8	0.12500	3.1750	28.5750	53.9750	79.3750	104.7750	130.1750	155.5750	180.9750	206.3750	231.7750	257.1750	282.5750
9/64	0.14063	3.5719	28.9719	54.3719	79.7719	105.1719	130.5719	155.9719	181.3719	206.7719	232.1719	257.5719	282.9719
5/32	0.15625	3.9688	29.3688	54.7688	80.1688	105.5688	130.9688	156.3688	181.7688	207.1688	232.5688	257.9688	283.3688
11/64	0.17188	4.3656	29.7656	55.1656	80.5656	105.9656	131.3656	156.7656	182.1656	207.5656	232.9656	258.3656	283.7656
3/16	0.18750	4.7625	30.1625	55.5625	80.9625	106.3625	131.7625	157.1625	182.5625	207.9625	233.3625	258.7625	284.1625
13/64	0.20313	5.1594	30.5594	55.9594	81.3594	106.7594	132.1594	157.5594	182.9594	208.3594	233.7594	259.1594	284.5594
7/32	0.21875	5.5563	30.9563	56.3563	81.7563	107.1563	132.5563	157.9563	183.3563	208.7563	234.1563	259.5563	284.9563
15/64	0.23438	5.9531	31.3531	56.7531	82.1531	107.5531	132.9531	158.3531	183.7531	209.1531	234.5531	259.9531	285.3531
1/4	0.25000	6.3500	31.7500	57.1500	82.5500	107.9500	133.3500	158.7500	184.1500	209.5500	234.9500	260.3500	285.7500
17/64	0.26563	6.7469	32.1469	57.5469	82.9469	108.3469	133.7469	159.1469	184.5469	209.9469	235.3469	260.7469	286.1469
9/32	0.28125	7.1438	32.5438	57.9438	83.3438	108.7438	134.1438	159.5438	184.9438	210.3438	235.7438	261.1438	286.5438
19/64	0.29688	7.5406	32.9406	58.3406	83.7406	109.1406	134.5406	159.9406	185.3406	210.7406	236.1406	261.5406	286.9406
5/16	0.31250	7.9375	33.3375	58.7375	84.1375	109.5375	134.9375	160.3375	185.7375	211.1375	236.5375	261.9375	287.3375
21/64	0.32813	8.3344	33.7344	59.1344	84.5344	109.9344	135.3344	160.7344	186.1344	211.5344	236.9344	262.3344	287.7344
11/32	0.34375	8.7313	34.1313	59.5313	84.9313	110.3313	135.7313	161.1313	186.5313	211.9313	237.3313	262.7313	288.1313
23/64	0.35938	9.1281	34.5281	59.9281	85.3281	110.7281	136.1281	161.5281	186.9281	212.3281	237.7281	263.1281	288.5281
3/8	0.37500	9.5250	34.9250	60.3250	85.7250	111.1250	136.5250	161.9250	187.3250	212.7250	238.1250	263.5250	288.9250
25/64	0.39063	9.9219	35.3219	60.7219	86.1219	111.5219	136.9219	162.3219	187.7219	213.1219	238.5219	263.9219	289.3219
13/32	0.40625	10.3188	35.7188	61.1188	86.5188	111.9188	137.3188	162.7188	188.1188	213.5188	238.9188	264.3188	289.7188
27/64	0.42188	10.7156	36.1156	61.5156	86.9156	112.3156	137.7156	163.1156	188.5156	213.9156	239.3156	264.7156	290.1156
7/16	0.43750	11.1125	36.5125	61.9125	87.3125	112.7125	138.1125	163.5125	188.9125	214.3125	239.7125	265.1125	290.5125
29/64	0.45313	11.5094	36.9094	62.3094	87.7094	113.1094	138.5094	163.9094	189.3094	214.7094	240.1094	265.5094	290.9094
15/32	0.46875	11.9063	37.3063	62.7063	88.1063	113.5063	138.9063	164.3063	189.7063	215.1063	240.5063	265.9063	291.3063
31/64	0.48438	12.3031	37.7031	63.1031	88.5031	113.9031	139.3031	164.7031	190.1031	215.5031	240.9031	266.3031	291.7031
1/2	0.50000	12.7000	38.1000	63.5000	88.9000	114.3000	139.7000	165.1000	190.5000	215.9000	241.3000	266.7000	292.1000
33/64	0.51563	13.0969	38.4969	63.8969	89.2969	114.6969	140.0969	165.4969	190.8969	216.2969	241.6969	267.0969	292.4969
17/32	0.53125	13.4938	38.8938	64.2938	89.6938	115.0938	140.4938	165.8938	191.2938	216.6938	242.0938	267.4938	292.8938
35/64	0.54688	13.8906	39.2906	64.6906	90.0906	115.4906	140.8906	166.2906	191.6906	217.0906	242.4906	267.8906	293.2906
9/16	0.56250	14.2875	39.6875	65.0875	90.4875	115.8875	141.2875	166.6875	192.0875	217.4875	242.8875	268.2875	293.6875
37/64	0.57813	14.6844	40.0844	65.4844	90.8844	116.2844	141.6844	167.0844	192.4844	217.8844	243.2844	268.6844	294.0844
19/32	0.59375	15.0813	40.4813	65.8813	91.2813	116.6813	142.0813	167.4813	192.8813	218.2813	243.6813	269.0813	294.4813
39/64	0.60938	15.4781	40.8781	66.2781	91.6781	117.0781	142.4781	167.8781	193.2781	218.6781	244.0781	269.4781	294.8781
5/8	0.62500	15.8750	41.2750	66.6750	92.0750	117.4750	142.8750	168.2750	193.6750	219.0750	244.4750	269.8750	295.2750
41/64	0.64063	16.2719	41.6719	67.0719	92.4719	117.8719	143.2719	168.6719	194.0719	219.4719	244.8719	270.2719	295.6719
21/32	0.65625	16.6688	42.0688	67.4688	92.8688	118.2688	143.6688	169.0688	194.4688	219.8688	245.2688	270.6688	296.0688
43/64	0.67188	17.0656	42.4656	67.8656	93.2656	118.6656	144.0656	169.4656	194.8656	220.2656	245.6656	271.0656	296.4656
11/16	0.68750	17.4625	42.8625	68.2625	93.6625	119.0625	144.4625	169.8625	195.2625	220.6625	246.0625	271.4625	296.8625
45/64	0.70313	17.8594	43.2594	68.6594	94.0594	119.4594	144.8594	170.2594	195.6594	221.0594	246.4594	271.8594	297.2594
23/32	0.71875	18.2563	43.6563	69.0563	94.4563	119.8563	145.2563	170.6563	196.0563	221.4563	246.8563	272.2563	297.6563
47/64	0.73438	18.6531	44.0531	69.4531	94.8531	120.2531	145.6531	171.0531	196.4531	221.8531	247.2531	272.6531	298.0531
3/4	0.75000	19.0500	44.4500	69.8500	95.2500	120.6500	146.0500	171.4500	196.8500	222.2500	247.6500	273.0500	298.4500
49/64	0.76563	19.4469	44.8469	70.2469	95.6469	121.0469	146.4469	171.8469	197.2469	222.6469	248.0469	273.4469	298.8469
25/32	0.78125	19.8438	45.2438	70.6438	96.0438	121.4438	146.8438	172.2438	197.6438	223.0438	248.4438	273.8438	299.2438
51/64	0.79688	20.2406	45.6406	71.0406	96.4406	121.8406	147.2406	172.6406	198.0406	223.4406	248.8406	274.2406	299.6406
13/16	0.81250	20.6375	46.0375	71.4375	96.8375	122.2375	147.6375	173.0375	198.4375	223.8375	249.2375	274.6375	300.0375
53/64	0.82813	21.0344	46.4344	71.8344	97.2344	122.6344	148.0344	173.4344	198.8344	224.2344	249.6344	275.0344	300.4344
27/32	0.84375	21.4313	46.8313	72.2313	97.6313	123.0313	148.4313	173.8313	199.2313	224.6313	250.0313	275.4313	300.8313
55/64	0.85938	21.8281	47.2281	72.6281	98.0281	123.4281	148.8281	174.2281	199.6281	225.0281	250.4281	275.8281	301.2281
7/8	0.87500	22.2250	47.6250	73.0250	98.4250	123.8250	149.2250	174.6250	200.0250	225.4250	250.8250	276.2250	301.6250
57/64	0.89063	22.6219	48.0219	73.4219	98.8219	124.2219	149.6219	175.0219	200.4219	225.8219	251.2219	276.6219	302.0219
29/32	0.90625	23.0188	48.4188	73.8188	99.2188	124.6188	150.0188	175.4188	200.8188	226.2188	251.6188	277.0188	302.4188
59/64	0.92188	23.4156	48.8156	74.2156	99.6156	125.0156	150.4156	175.8156	201.2156	226.6156	252.0156	277.4156	302.8156
15/16	0.93750	23.8125	49.2125	74.6125	100.0125	125.4125	150.8125	176.2125	201.6125	227.0125	252.4125	277.8125	303.2125
61/64	0.95313	24.2094	49.6094	75.0094	100.4094	125.8094	151.2094	176.6094	202.0094	227.4094	252.8094	278.2094	303.6094
31/32	0.96875	24.6063	50.0063	75.4063	100.8063	126.2063	151.6063	177.0063	202.4063	227.8063	253.2063	278.6063	304.0063
63/64	0.98438	25.0031	50.4031	75.8031	101.2031	126.6031	152.0031	177.4031	202.8031	228.2031	253.6031	279.0031	304.4031

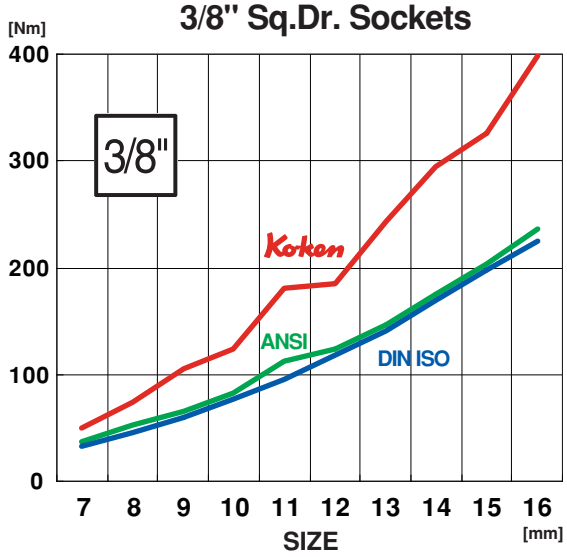
in.	dec.in.	12"	13"	14"	15"	16"	17"	18"	19"	20"	21"	22"	23"
		Millimeter(mm)											
	0	304.8000	330.2000	355.6000	381.0000	406.4000	431.8000	457.2000	482.6000	508.0000	533.4000	558.8000	584.2000
1/32	0.03125	305.5938	330.9938	356.3938	381.7938	407.1938	432.5938	457.9938	483.3938	508.7938	534.1938	559.5938	584.9938
1/16	0.06250	306.3875	331.7875	357.1875	382.5875	407.9875	433.3875	458.7875	484.1875	509.5875	534.9875	560.3875	585.7875
3/32	0.09375	307.1813	332.5813	357.9813	383.3813	408.7813	434.1813	459.5813	484.9813	510.3813	535.7813	561.1813	586.5813
1/8	0.12500	307.9750	333.3750	358.7750	384.1750	409.5750	434.9750	460.3750	485.7750	511.1750	536.5750	561.9750	587.3750
5/32	0.15625	308.7688	334.1688	359.5688	384.9688	410.3688	435.7688	461.1688	486.5688	511.9688	537.3688	562.7688	588.1688
3/16	0.18750	309.5625	334.9625	360.3625	385.7625	411.1625	436.5625	461.9625	487.3625	512.7625	538.1625	563.5625	588.9625
7/32	0.21875	310.3563	335.7563	361.1563	386.5563	411.9563	437.3563	462.7563	488.1563	513.5563	538.9563	564.3563	589.7563
1/4	0.25000	311.1500	336.5500	361.9500	387.3500	412.7500	438.1500	463.5500	488.9500	514.3500	539.7500	565.1500	590.5500
9/32	0.28125	311.9438	337.3438	362.7438	388.1438	413.5438	438.9438	464.3438	489.7438	515.1438	540.5438	565.9438	591.3438
5/16	0.31250	312.7375	338.1375	363.5375	388.9375	414.3375	439.7375	465.1375	490.5375	515.9375	541.3375	566.7375	592.1375
11/32	0.34375	313.5313	338.9313	364.3313	389.7313	415.1313	440.5313	465.9313	491.3313	516.7313	542.1313	567.5313	592.9313
3/8	0.37500	314.3250	339.7250	365.1250	390.5250	415.9250	441.3250	466.7250	492.1250	517.5250	542.9250	568.3250	593.7250
13/32	0.40625	315.1188	340.5188	365.9188	391.3188	416.7188	442.1188	467.5188	492.9188	518.3188	543.7188	569.1188	594.5188
7/16	0.43750	315.9125	341.3125	366.7125	392.1125	417.5125	442.9125	468.3125	493.7125	519.1125	544.5125	569.9125	595.3125
15/32	0.46875	316.7063	342.1063	367.5063	392.9063	418.3063	443.7063	469.1063	494.5063	519.9063	545.3063	570.7063	596.1063
1/2	0.50000	317.5000	342.9000	368.3000	393.7000	419.1000	444.5000	469.9000	495.3000	520.7000	546.1000	571.5000	596.9000
17/32	0.53125	318.2938	343.6938	369.0938	394.4938	419.8938	445.2938	470.6938	496.0938	521.4938	546.8938	572.2938	597.6938
9/16	0.56250	319.0875	344.4875	369.8875	395.2875	420.6875	446.0875	471.4875	496.8875	522.2875	547.6875	573.0875	598.4875
19/32	0.59375	319.8813	345.2813	370.6813	396.0813	421.4813	446.8813	472.2813	497.6813	523.0813	548.4813	573.8813	599.2813
5/8	0.62500	320.6750	346.0750	371.4750	396.8750	422.2750	447.6750	473.0750	498.4750	523.8750	549.2750	574.6750	600.0750
21/32	0.65625	321.4688	346.8688	372.2688	397.6688	423.0688	448.4688	473.8688	499.2688	524.6688	550.0688	575.4688	600.8688
11/16	0.68750	322.2625	347.6625	373.0625	398.4625	423.8625	449.2625	474.6625	500.0625	525.4625	550.8625	576.2625	601.6625
23/32	0.71875	323.0563	348.4563	373.8563	399.2563	424.6563	450.0563	475.4563	500.8563	526.2563	551.6563	577.0563	602.4563
3/4	0.75000	323.8500	349.2500	374.6500	400.0500	425.4500	450.8500	476.2500	501.6500	527.0500	552.4500	577.8500	603.2500
25/32	0.78125	324.6438	350.0438	375.4438	400.8438	426.2438	451.6438	477.0438	502.4438	527.8438	553.2438	578.6438	604.0438
13/16	0.81250	325.4375	350.8375	376.2375	401.6375	427.0375	452.4375	477.8375	503.2375	528.6375	554.0375	579.4375	604.8375
27/32	0.84375	326.2313	351.6313	377.0313	402.4313	427.8313	453.2313	478.6313	504.0313	529.4313	554.8313	580.2313	605.6313
7/8	0.87500	327.0250	352.4250	377.8250	403.2250	428.6250	454.0250	479.4250	504.8250	530.2250	555.6250	581.0250	606.4250
29/32	0.90625	327.8188	353.2188	378.6188	404.0188	429.4188	454.8188	480.2188	505.6188	531.0188	556.4188	581.8188	607.2188
15/16	0.93750	328.6125	354.0125	379.4125	404.8125	430.2125	455.6125	481.0125	506.4125	531.8125	557.2125	582.6125	608.0125
31/32	0.96875	329.4063	354.8063	380.2063	405.6063	431.0063	456.4063	481.8063	507.2063	532.6063	558.0063	583.4063	608.8063

Koken WARRANTY TORQUES | DIN ISO STANDARDS | ANSI STANDARDS

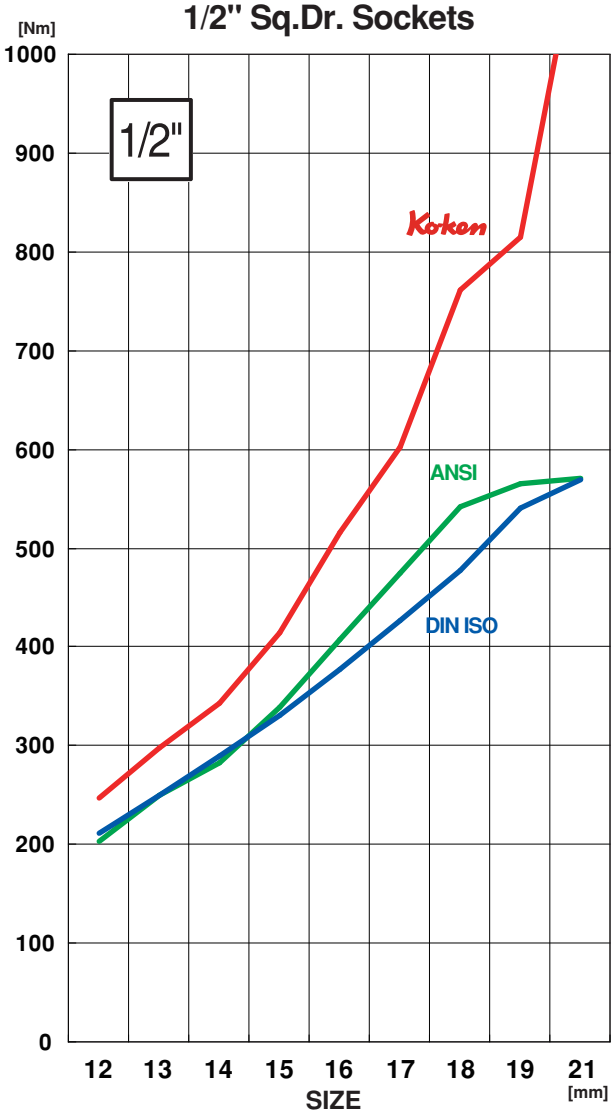
1/4" Sq.Dr. Sockets



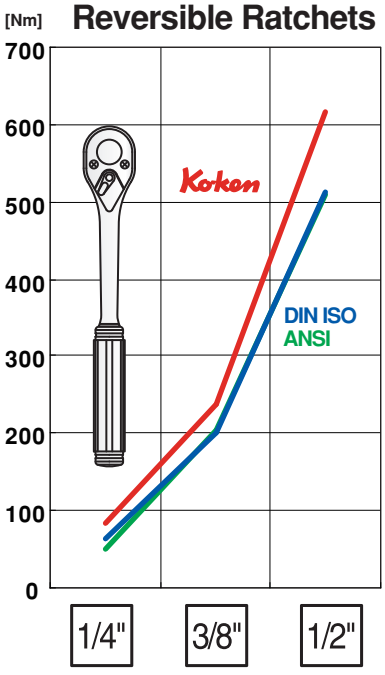
3/8" Sq.Dr. Sockets



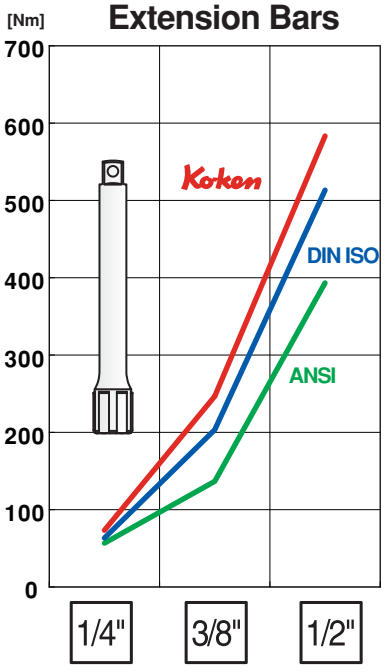
1/2" Sq.Dr. Sockets



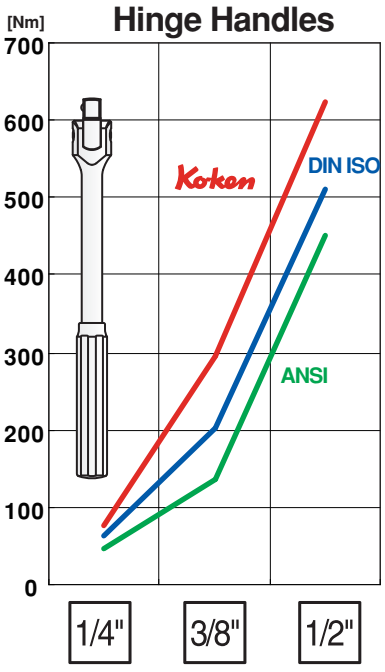
Reversible Ratchets



Extension Bars



Hinge Handles



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2014.03